SECTION 6
PARTS LIST

6.1 GENERAL

This section provides parts lists for the equipment. Part numbers of accessories and single use items are provided below.

TABLE 6.1 REPLACEMENT PARTS AND ACCESSORIES LIST

DISPOSABLES

Premi–Probe® Skin Temperature Probe (10/Box)	68 209 20
(10 Boxes/Case)	68 209 30
Critter Covers® Probe Covers (Box of 10)	68 209 46
Critter Covers® Probe Covers (Box of 600)	68 209 45
Twin–O–Vac® Filters (Box of 100)	78 404 15
Neat Clips – 3/8" Dia (100/Case)	68 120 53
1.00" Dia (50/Case)	68 120 54

ACCESSORIES

I.V. Pole Package 1.00 Dia., without Pivot Bracket	78 166 71
Cart Shelf Package IICS–90	78 155 80CC
Cart Shelf Package IICS–90 – VHA	78 155 81CC
Monitor Shelf Assembly	78 165 80CC
A.C. Receptacle Box Assembly	78 446 70
Drawer Module Package (Two 6" Drawers)	78 931 89CC
Drawer Module Package (One 6" Drawer and two 3" Drawers)	78 931 90CC
Pleur–Evac Hanger Kit	78 931 84
Remote Alarm Module	78 211 70CC
Warm Weigh® Scale, Model W30	03 330 70
Touch–Up Paint, Linear White (1/2 Pint Can)	68 900 30CC
Touch–Up Paint, Light Gray (1/2 Pint Can)	68 900 31CC
Athena Monitor Bracket Assy	78 165 50
Phototherapy System 115 Vac English	78 444 70CC
Phototherapy System 115 Vac Spanish	78 444 71CC
Phototherapy System 115 Vac French	78 444 72CC
Phototherapy System 220/240 Vac English	78 444 80CC
Phototherapy System 220/240 Vac Spanish	78 444 81CC
Phototherapy System 220/240 Vac French	78 444 82CC
Phototherapy System 220/240 Vac German	78 444 83CC
Universal Apgar Timer Kit	78 290 55
Cassette Holder Package, DMR	78 167 70
Resuscitation Package (Includes)	78 454 60CC
Flowmeter Without O_2 Take–Off	78 400 30
Twin–O–Vac®, Pediatric Suction (400 ml Jar)	78 404 20
Resuscitation Module.	78 930 94CC
O_2 Delivery System, Yoke and Gauge	78 461 70
O_2/Air Tank Mounting Bracket	78 459 71

(Change 10)

Classic Resuscitation Module (English)	78 467 70CC
(Spanish)	78 467 71CC
Deluxe Resuscitation Module (English)	78 467 80CC
(Spanish)	78 467 81CC
Blender Bracket for Deluxe Resuscitation Module	78 467 70CC
Oxygen Delivery Package (Wall Oxygen Only)	78 442 85CC
Oxygen Delivery Package (Wall and Auxiliary Tank Oxygen)	78 441 70CC
Oxygen/Air Tank Holder, D and E Cylinder	78 459 71
Airway Pressure Gauge	78 462 70
Positive Pressure Pediatric Resuscitator.	78 450 25
Flowmeter Without O_2 Take–Off	78 400 30
Flowmeter With O_2 Take–Off	78 450 10
Twin–O–Vac®, Pediatric Suction (400 ml Jar)	78 404 20
(200 ml Jar)	78 404 30
Oxygen Delivery System (Yoke and Gauge)	78 461 70
Air Delivery System (Yoke and Gauge)	78 460 70
Suction Regulator	78 450 05
Suction Bottle	78 450 06
Nebulizer	78 450 20
High – Low Flow Blender	78 450 00
Bubble Humidifier	78 450 15
Air Hose Assembly (3 ft.)	78 464 03
Oxygen Hose assembly (3 ft.)	78 465 03
Air Hose Assembly (10 ft.)	78 464 10
Oxygen Hose assembly (10 ft.)	78 465 10
Vacuum Hose Assembly (10 ft.)	78 466 10

(Change 10)

RECOMMENDED SPARE PARTS LIST (QUANTITY OF 1 TO 5 UNITS)

IC, CMOS, 7107	17 630 75
Thumbwheel Switch	17 682 50
Switch, Slide, 3DPDT	17 682 54
Switch, Pushbutton	17 682 55
Switch, On/Off	17 682 58
Button, Slide	17 732 30
Exam Lamp	17 807 41
Solid State Relay,100,110,120 Vac	68 903 83
Solid State Relay, 220/240 Vac	68 903 84
End Panel Strip (Qty 2)	78 162 00
Side Panel Strip (Qty 2)	78 162 01
Mattress	78 162 18
Corner Bracket (Qty 2)	78 162 20
End Panel Assembly (Std)	78 162 92–R
Side Panel Assembly (Std)	78 162 96–R
Lamp Connector Assembly	78 258 70
Heating Element 120 Vac	78 263 00
Heating Element 220/240 Vac	78 263 01
Heating Element 100 Vac	78 263 03
Heater Connector Kit (Qty 2)	78 931 82
Control Slide Knob	89 100 30

(Change 12)

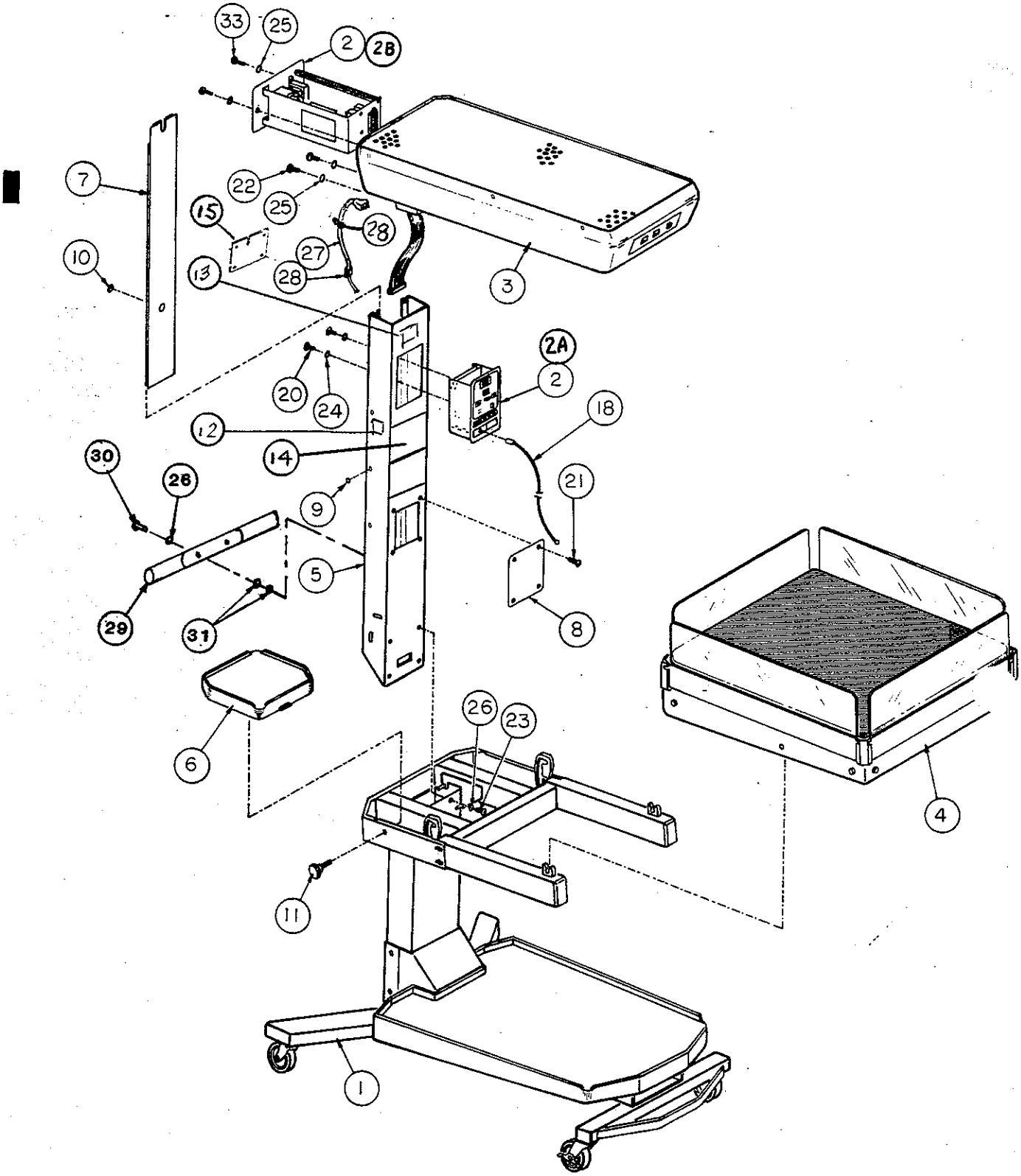


FIGURE 6.1 PARTS LOCATION DIAGRAM, INFANT INTENSIVE CARE SYSTEM

TABLE 6.1 INFANT INTENSIVE CARE SYSTEM, PARTS LIST

(Sheet 1 of 3)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		INFANT INTENSIVE CARE SYSTEM:	
		English Labeling, 110/120V	78 000 70 or 78 000 70CC
		Spanish Labeling, 110/120V	78 000 71 or 78 000 71CC
		French Labeling, 110/120V	78 000 72 or 78 000 72CC
		English Labeling, 220/240V	78 000 80 or 78 000 80CC
		Spanish Labeling, 220/240V	78 000 81 or 78 000 81CC
		French Labeling, 220/240V	78 000 82 or 78 000 82CC
		German Labeling, 220/240V	78 000 83 or 78 000 83CC
		English Labeling, 100V	78 000 90 or 78 000 90CC
1		Cart Assembly (Refer to Table 6.2)	78 155 70 or 78 155 70CC
2*		CONTROLLER/POWER MODULE PACKAGE:	
		(Refer to Tables 6.3 through 6.9)	
		English Labeling, 110/120V	78 308 70 or 78 308 70CC
		Spanish Labeling, 110/120V	78 308 71 or 78 308 71CC
		French Labeling, 110/120V	78 308 72 or 78 308 72CC
		English Labeling 220/240V	78 308 80 or 78 308 80CC
		Spanish Labeling, 220/240V	78 308 81 or 78 308 81CC
		French Labeling, 220/240V	78 308 82 or 78 308 82CC
		German Labeling, 220/240V	78 308 83 or 78 308 83CC
		English Labeling, 100V	78 308 90 or 78 308 90CC
2A		CONTROLLER ASSEMBLY (Refer to Table 6.3	
		when Controller is used with Series 01 Power Module.)	
		English Labeling	78 305 80 or 78 305 80CC
		Spanish Labeling	78 305 81 or 78 305 81CC
		French Labeling	78 305 82 or 78 305 82CC
		German Labeling	78 305 83 or 78 305 83CC

* Contains Series 00 Power Module

TABLE 6.1 INFANT INTENSIVE CARE SYSTEM, PARTS LIST

(Sheet 2 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
2B		POWER MODULE ASSEMBLY (Series 01)	
		(Refer to Tables 6.8 and 6.9A)	
		English Labeling 110/120V	78 306 70 or 78 306 70CC
		Spanish Labeling 110/120V	78 306 71 or 78 306 71CC
		French Labeling 110/120V	78 306 72 or 78 306 72CC
		English Labeling 220/240V	78 306 80 or 78 306 80CC
		Spanish Labeling 220/240V	78 306 81 or 78 306 81CC
		French Labeling 220/240V	78 306 82 or 78 306 82CC
		German Labeling 220/240V	78 306 83 or 78 306 83CC
		English Labeling 100V	78 306 90 or 78 306 90CC
3		WARMER MODULE ASSEMBLY:	
		(Refer to Table 6.10)	
		English Labeling, 110/120V	78 265 70 or 78 265 70CC
		Spanish Labeling, 110/120V	78 265 71 or 78 265 71CC
		French Labeling, 110/120V	78 265 72 or 78 265 72CC
		English Labeling, 220/240V	78 265 80 or 78 265 80CC
		Spanish Labeling, 220/240V	78 265 81 or 78 265 81CC
		French Labeling, 220/240V	78 265 82 or 78 265 82CC
		German Labeling, 220/240V	78 265 83 or 78 265 83CC
		English Labeling, 100V	78 265 90 or 78 265 90CC
3A		WARMER MODULE ASSEMBLY, 90° ROTATION:	
		(Refer to Table 6.10)	
		English Labeling, 110/120V	78 267 70 or 78 267 70CC
		Spanish Labeling, 110/120V	78 267 71 or 78 267 71CC
		French Labeling, 110/120V	78 267 72 or 78 267 72CC
		English Labeling, 220/240V	78 267 80 or 78 267 80CC
		Spanish Labeling, 220/240V	78 267 81 or 78 267 81CC
		French Labeling, 220/240V	78 267 82 or 78 267 82CC
		German Labeling, 220/240V	78 267 83 or 78 267 83CC
		English Labeling, 100V	78 267 90 or 78 267 90CC
4		Bassinet Assembly:	
		(Refer to Table 6.13)	78 164 70 or 78 164 70CC
5		Post, Upper	
		English Labeling	78 940 16 or 78 940 16CC
		Spanish Labeling	78 940 17 or 78 940 17CC
		French Labeling	78 940 18 or 78 940 18CC
		German Labeling	78 940 19 or 78 940 19CC
6		Tray, Instrument	78 155 10 or 78 155 10CC
7		Strip, Trim, Plastic, Upper post	78 161 16 or 78 161 16CC
8		Plate, Cover, Upper Post	78 161 10 or 78 161 10CC
9		Plug Button, 1/4 Mtg. Hole, Plastic	78 161 00

(Change 8)

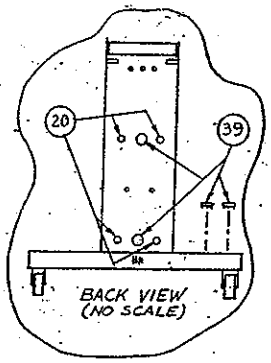
TABLE 6.1 INFANT INTENSIVE CARE SYSTEM, PARTS LIST

(Sheet 3 of 3)

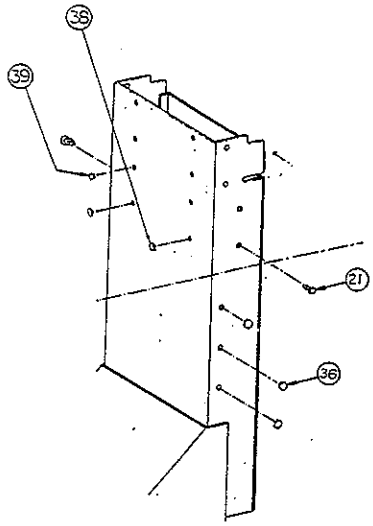
ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
10		Plug, Button, 7/8 Dia Mtg. Hole, Plastic	78 161 20
11		Knob, Knurled, 1/4–20 Thd Shaft	17 061 10
12		Label, Shelf Load Limit, Eng	78 000 10 or 78 161 10CC
		Label, Shelf Load Limit, Spn	78 000 11CC
		Label, Shelf Load Limit, Frn	78 000 12CC
		Label, Shelf Load Limit, Ger	78 000 13CC
13		Label, Caution, Heating Hazard, Eng	78 000 15 or 78 000 15CC
		Label, Caution, Heating Hazard, Spn	78 000 16CC
		Label, Caution, Heating Hazard, Frn	78 000 17CC
		Label, Caution, Heating Hazard, Ger	78 000 18CC
14		Placard, Precautions/Instructions Eng	78 000 45 or 78 000 45CC
		Spanish	78 000 26 or 78 000 26CC
		French	78 000 27 or 78 000 27CC
		German	78 000 28 or 78 000 28CC
15		Upper Column Reinforcing Plate	78 161 12
16		Not Used	
17		Not Used	
18		Probe, Temp, Skin, Reusable	68 209 70
		Probe, Temp, Skin, Disposable (10 Boxes of 10 Probes)	68 209 30
19		Cover, Probe, Skin Temp (Box of 100), (Not Shown)	26 901 81
20		Screw, 6–32 x 3/8, TR, PH, SS	99 023 50
21		Screw, 8–32 x 5/16, RD, SL, NYL	99 031 07
22		Screw, 10–32 x 5/8, TR, PH, SS	99 042 58
23		Screw, 1/4 – 20 x 1/2, RD, PH, SS	99 055 81
24		Not Used	
25		Washer, LK, INT, #10, SS	99 123 92
26		Washer, LK, SP, 1/4, SS	99 125 53
27		Clamp, Cable, .31 I.D.	17 732 42
28		Cable Assembly, AC Power Cord, Domestic	17 AZ 100
		Cable Assembly, AC Power Cord, Export	17 AZ 200
29		Handle, Post	78 285 30
30		Scr, 1/4–20 x 1.75 CP, HX, S CA	99 059 05
31		Washer, Fl 0.265 I.D. x 0.500 O.D.	99 125 24
32		Not Used	
33		Screw, 10–32 x 1/2, TR, PH, SS	99 042 01
34		Label, Temperature Conversion (Not shown.To be installed in a location selected by user.)	68 111 35 or 68 111 35CC

(Change 11)

NOTES:
1. INSERT RIVET (39) THRU CART (1) AND RAIL (6) IN HOLE NEAREST UPRIGHT CHANNEL OF CART FIRST FOR ACCURATE LINE-UP OF REMAINING (3) HOLES.
2. INSERT BEARINGS (44) INTO CART (1) WITH WIDEST FLANGE TO THE INSIDE OF THE CHANNEL.
3. PAINT-FREE AREAS ON REAR COVER (4) MUST FACE MATING HOLES ON COVER CHANNEL (9).
4. NUTS (27) AND SPACERS (33) MUST BE INSERTED INTO TILT BRACKET (10) SO THAT THEY ARE OPPOSITE MATING SCREWS (32) ENTERING THRU INSTRUMENT TRAY SUPPORT FRAME (5) AND BASSINET SUPPORT FRAME (2).
5. BEVELED SIDES OF PIVOT BLOCKS (11) MUST FACE EACH OTHER.



WELDED VERSION



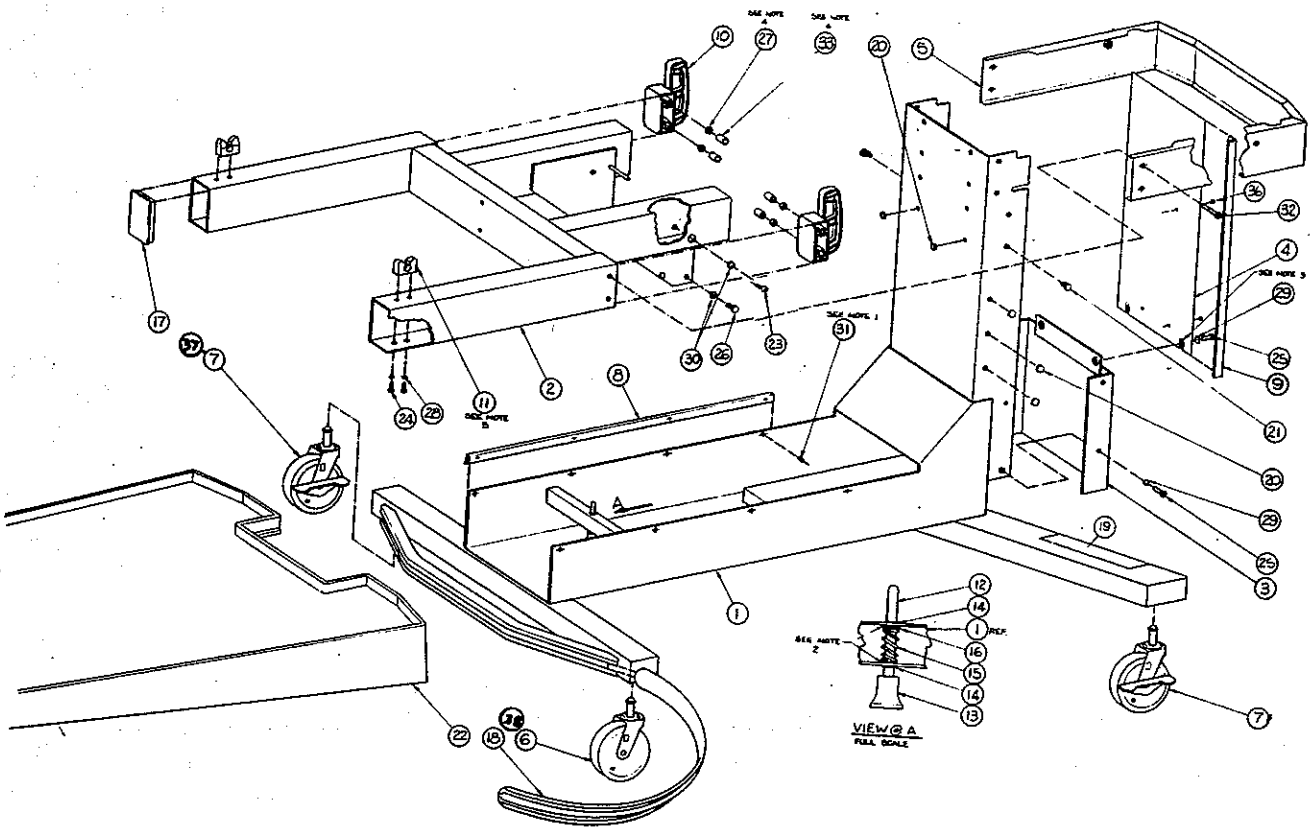


FIGURE 6.2 PARTS LOCATION DIAGRAM, CART ASSEMBLY

(Change 13)

TABLE 6.2 CART ASSEMBLY, PARTS LIST

(Sheet 1 of 2)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		CART ASSEMBLY	78 155 70 or 78 155 70CC
1		Base, Cart, Welded	78 940 32 or 78 940 32CC
2		Frame, Support, Bassinet	78 160 00 or 78 160 00CC
3		Channel, Cover, Cart Base	78 155 20 or 78 155 20CC
4		Cover, Rear, Cart	78 155 25 or 78 155 25CC
5		Frame, Support, Instrument Tray	78 160 10 or 78 160 10CC
6		Caster, w/o Brake, Non-Conductive, 4"	26 801 00
7		Caster, w/Brake, Non-Conductive, 4"	26 802 00
8		Rail, Shelf Slide, Plastic (P/O Item 1)	78 155 46
9		Angle, Corner Trim, Plastic	78 155 51 or 78 155 51CC
10		Bracket, Tilt, Adjusting, Plastic	78 160 05
11		Block, Pivot	78 160 20
12		Pin, Latching, Cart Shelf	78 155 40
13		Knob, Plastic	78 155 43
14		Bearing, Split, .25 I.D.	78 155 65
15		Spring, Compression	20 016 03
16		Ring, Retaining	99 181 40
17		Cap, Tubing, Plastic, 1-1/2 x 3 x .083 Wall	78 610 64
18		Strip, Vinyl, Cart Bumper	78 155 31
19		Not Used	
20		Plug Button, .25 Mtg Hole	78 161 00
21		Plug, Panel, Fastening	78 155 55
22		Shelf, Cart, Plastic	78 155 05 or 78 155 05CC
23		Scr, 5/16-18 x 7/8, CP, SK SS	99 064 60
24		Scr, 8-32 x 1/2, TR, PH, SS	99 031 99
25		Scr, 10-32 x 3/8, TR, PH, SS	99 041 27
26		Scr, 5/16-18 x 5/8, HEX, STL, CA	99 064 30
27		Nut, 10-32, HEX, Flexlock, S, Z1	99 107 38
28		Washer, LK, SP, #8, SS	99 122 95
29		Washer, LK, Int. Tooth, #10, SS	99 123 92
30		Washer, LK, SP, 5/16, S, Z1	99 126 32

(Change 13)

TABLE 6.2 CART ASSEMBLY, PARTS LIST

(Sheet 2 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
31		Rivet, Pop, Dome, 1/8 Dia x .328 LG, SS, (P/O Item 1)	99 131 66
32		Scr, 10–32 x 1 1/4, TR, PH, SS	99 044 06
33		Spacer, Nylon	99 125 65
34		Not Used	
35		Not Used	
36		Not Used	
37		Adhesive Loctite GR B #601	AR
38		Plug Button, Plastic 0.26 Mtg Hole	78 161 01
39		Plug Button, Plastic . 28 Mtg. Hole	78 161 02

(Change 13)

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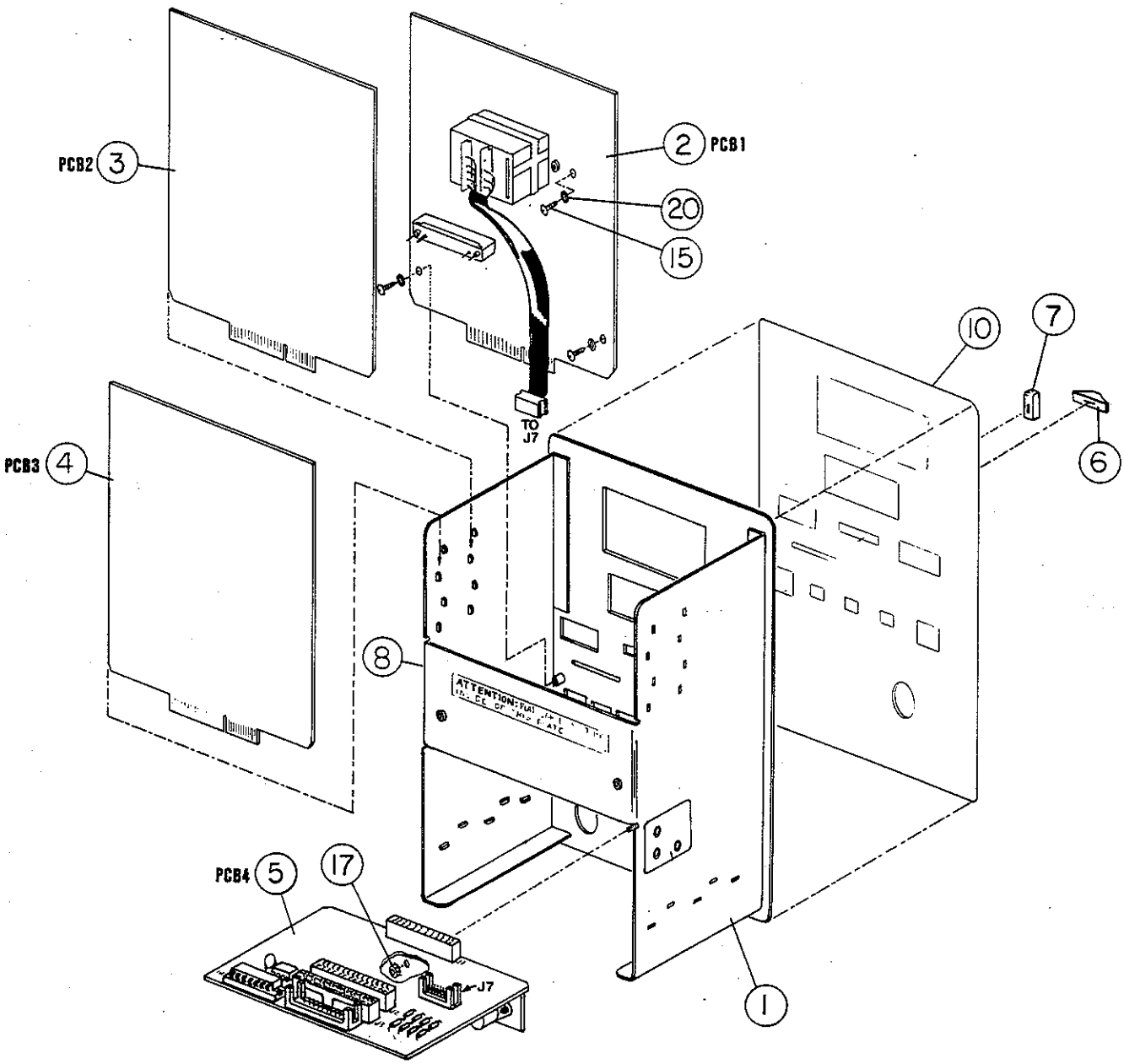

FIGURE 6.3 PARTS LOCATION DIAGRAM, CONTROLLER ASSEMBLY, MODEL CM78–1 AND MODEL CM78–2
(Change 8)

TABLE 6.3 CONTROLLER ASSEMBLY, MODEL CM78–1 SERIES 00 THRU 02, MODELCM78–2 SERIES 00 PARTS LIST

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		CONTROLLER ASSEMBLY:	
		English Labeling	78 305 80
		Spanish Labeling	78 305 81
		French Labeling	78 305 82
		German Labeling	78 305 83
1		Chassis, Controller (Includes Items 9–12):	
		English Labeling	78 940 28
		Spanish Labeling	78 940 29
		French Labeling	78 940 30
		German Labeling	78 940 31
2		PCB1 Assy, Display (Refer to Table 6.4)	78 315 70T
3		PCB2 Assy, Measurement/Dgtl (Refer to Table 6.5)	78 316 70T
4		PCB3 Assy, Control (Refer to Table 6.6)	78 317 70T
5		PCB4 Assy, Motherboard (Refer to Table 6.7)	78 318 70T
6		Button, Slide Switch, Topping	17 732 30
7		Knob, Control, Slide, Single	89 100 30
8		Tag, Data	78 155 57
9		Label, Pot Adjustment	78 305 17
10		Nameplate, Front Panel, Controller (Includes Item 12):	
		English	78 930 77
		Spanish	78 930 78
		French	78 930 79
		German	78 930 80
11		Label, Attn, Cable	78 305 25
12		Membrane Switch (Included with Items 1 and 10)	78 305 40
13		Not Used	
14		Not Used	
15		Scr, 4–40 x 3/8 LG, TR PH SS	99 011 07
16		Not Used	
17		Nut, 4–40, HX, "KEPS" S CAD PL	99 103 33
18		Not Used	
19		Not Used	
20		Wshr, No. 4, LK SP SS	99 121 36

(Change 12)

TABLE 6.3A CONTROLLER ASSEMBLY, MODEL CM78–2 SERIES – 01, 02, 03 AND 05, PARTS LIST

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGN.	DESCRIPTION	PART NUMBER
–		CONTROLLER ASSEMBLY, SERIES 01 or –02, ± 0.5 °C:	
–		English Labeling	78 305 70
–		Spanish Labeling	78 305 71
–		French Labeling	78 305 72
–		German Labeling	78 305 73
–		CONTROLLER ASSEMBLY, SERIES –03 or –05, ± 1.0 °C:	
–		English Labeling	78 305 80 or 78 305 80CC
–		Spanish Labeling	78 305 81 or 78 305 81CC
–		French Labeling	78 305 82 or 78 305 82CC
–		German Labeling	78 305 83 or 78 305 83CC
1		Chassis Assembly, SERIES –02, ± 0.5 °C:	78 305 20
		Chassis Assembly, SERIES –03 and –05, ± 1.0	78 305 21
2		PCB1 Assy, Display (Refer to Table 6.4)	78 315 70T
3		PCB2 Assy, Measurement/Dgtl SERIES –02, ± 0.5 °C	78 316 71T
		PCB2 Assy, Measurement/Dgtl SERIES –03 and –05, ± 1.0 °C (Refer to Table 6.5 and 6.5A)	78 316 72T
4		PCB3 Assy, Control (Refer to Table 6.6)	78 317 70T
5		PCB4 Assy, Motherboard, Series 01 (Refer to Table 6.7)	78 318 71T
		PCB4 Assy, Motherboard, Series 02, 03, 05 (Refer to Table 6.32)	78 318 72T
6		Button, Slide Switch, Topping	17 732 30
7		Knob, Control, Slide, Single	89 100 30
8		Tag, Data	78 155 57
9		Label, Pot Adjustment	78 305 17
10		Nameplate, Front Panel, SERIES –02, ± 0.5 °C:	
		English	78 305 45
		Spanish	78 305 46
		French	78 305 47
		German	78 305 48
		Nameplate, Front Panel, SERIES –03 and –05, ± 1.0 °C	
		English	78 305 65 or 78 305 65CC
		Spanish	78 305 66 or 78 305 66CC
		French	78 305 67 or 78 305 67CC
		German	78 305 68 or 78 306 68CC
11		Membrane Switch	78 305 25
13		Label, Attn, Cable	78 305 25
14		Not Used	
15		Scr, 4–40 x 3/8 LG, TR PH SS	99 011 07
16		Not Used	
17		Nut, 4–40, HX, "KEPS" S CAD PL	99 103 33
18		Not Used	
19		Not Used	
20		Wshr, No. 4, LK SP SS	99 121 36

(Change 11)

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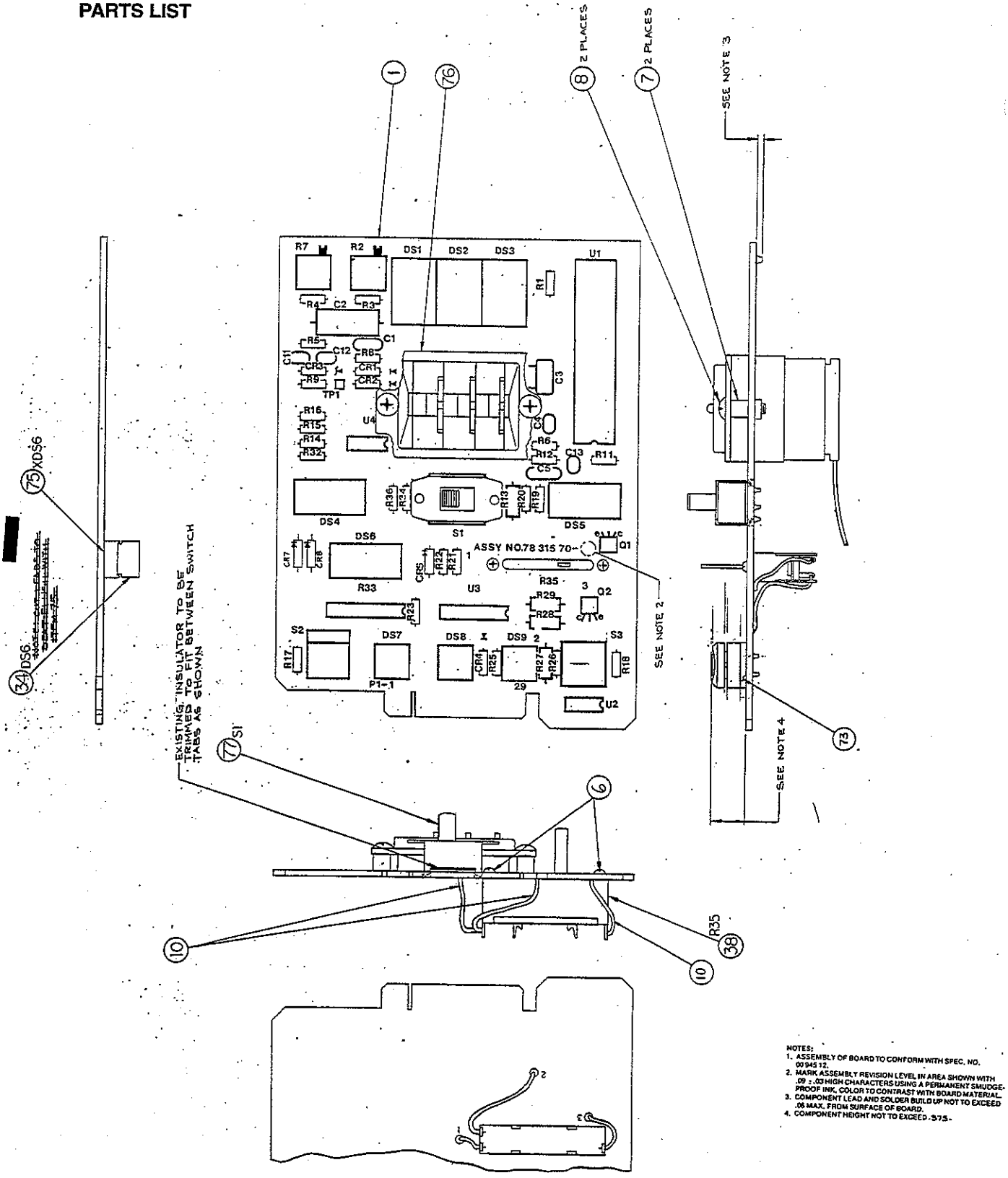


NOTES:
1. ASSEMBLY OF BOARD TO CONFORM WITH SPEC. NO. 00 945 12.
2. MARK ASSEMBLY REVISION LEVEL IN AREA SHOWN WITH .09 ± .03 HIGH CHARACTERS USING A PERMANENT SMUDGE-PROOF INK, COLOR TO CONTRAST WITH BOARD MATERIAL.
3. COMPONENT LEAD AND SOLDER BUILD UP NOT TO EXCEED .06 MAX. FROM SURFACE OF BOARD.
4. COMPONENT HEIGHT NOT TO EXCEED .375.

FIGURE 6.4 PARTS LOCATION DIAGRAM, CONTROLLER DISPLAY BOARD PCB1

(Change 11)

TABLE 6.4 CONTROLLER DISPLAY BOARD PCB1, PARTS LIST

(Sheet 1 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		CONTROLLER DISPLAY BOARD PCB1	78 315 70T
1		Not Used	
2		Not Used	
3		Not Used	
4		Not Used	
5		Not Used	
6		Not Used	
7		Spacer, .115 I.D. x 3/16 O.D. x 3/16 LG, NL	99 121 62
8		Scr, 4–40 x 7/16 LG, TR PH SS	99 011 35
9		Nut, PEM, 4–40, KF2–440 S CA	99 103 34
10		Not Used	
11	C11,12,13	Cap, .001 MFD, 10%, 50V	17 BF 377
12	C1	Cap, .047 MFD, 10%, 50V	17 BF 257
13	C3,5	Cap, .10 MFD, 20%, 50V	17 430 57
14	C2	Cap, .22 MFD, 5%, 100V	17 AY 085
15	C4	Cap, 100 PF, 10%, 50V	17 BF 365
16		Not Used	
17		Not Used	
18		Not Used	
19		Not Used	
20	CR2,4,5	Diode, 1N914	17 AR 500
21	CR3	Diode, Zener, 1N752A, 5.6V	17 502 60
22	CR1	Diode, 1N34A	17 500 20
23	CR7,CR8	1N4001	17 AS 000
24	DS1,2,3	Display, LED, Orn	17 BE 247
25		Not Used	
26	U1	I.C., CMOS, 7107 A/D Conv	17 630 75
27	U2	I.C., CMOS, 3632 PERF Driver	17 630 04
28	U3	I.C., Low Power, 324 Quad Op Amp	17 631 45
29	U4	I.C., 8 Pin, 1458 Dual Op Amp	17 629 36
30		Not Used	
31		Not Used	

(Change 11)

TABLE 6.4 CONTROLLER DISPLAY BOARD PCB1, PARTS LIST

(Sheet 2 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
32	DS7,8,9	Lamp, LED, Red	17 BE 258
33	DS4,5	Lamp, LED, Grn	17 BE 240
34	DS6	Lamp, LED, Yellow, Modified	78 315 30
35		Not Used	
36		Not Used	
37	R2, 7	Res, Var, 500, .5W, Horiz. Adj.	17 AN 115
38	R35	Res, Var, Slide, 5.0K, .1W	17 530 52
39	R33	Res, Network, DIP, 390, 2%, 1.75W	17 AU 560
40		Not Used	
41	R17	Res, 4.30K, .1%, 1/8W	17 AG 983
42		Not Used	
43		Not Used	
44	R3	Res, 1.50K, 1%, 1/8W	17 AF 209
45	R23	Res, 3.09K, 1%, 1/8W	17 AF 239
46	R12	Res, 10.0K, 1%, 1/8W	17 AF 288
47	R11	Res, 15.0K, 1%, 1/8W	17 AF 305
48	R4, 9	Res, 20.0K, 1%, 1/8W	17 AF 317
49	R6	Res, 100K, 1%, 1/8W	17 AF 384
50	R5	Res, 475K, 1%, 1/8W	17 AF 449
51	R8	Res, 2.00K, 1%, 1/8W	17 AF 221
52		Not Used	
53	R22	Res, 40.2K, 1%, 1/8W	17 AF 346
54		Not Used	
55		Not Used	
56		Not Used	
57	R16	Res, 100, 5%, 1/4W	17 AH 697
58	R1	Res, 220, 5%, 1/4W	17 AH 713
59		Not Used	
60	R25	Res, 6.8K, 5%, 1/4W	17 AH 785
61	R14,15,18	Res, 10K, 5%, 1/4W	17 AH 793
62	R26, 32	Res, 4.7K, 5%, 1/4W	17 AH 777
63		Not Used	
64	R19	Res, 3.9K, 5%, 1/4W	17 AH 773
65	R20	Res, 12K, 5%, 1/4W	17 AH 797

TABLE 6.4 CONTROLLER DISPLAY BOARD PCB1, PARTS LIST

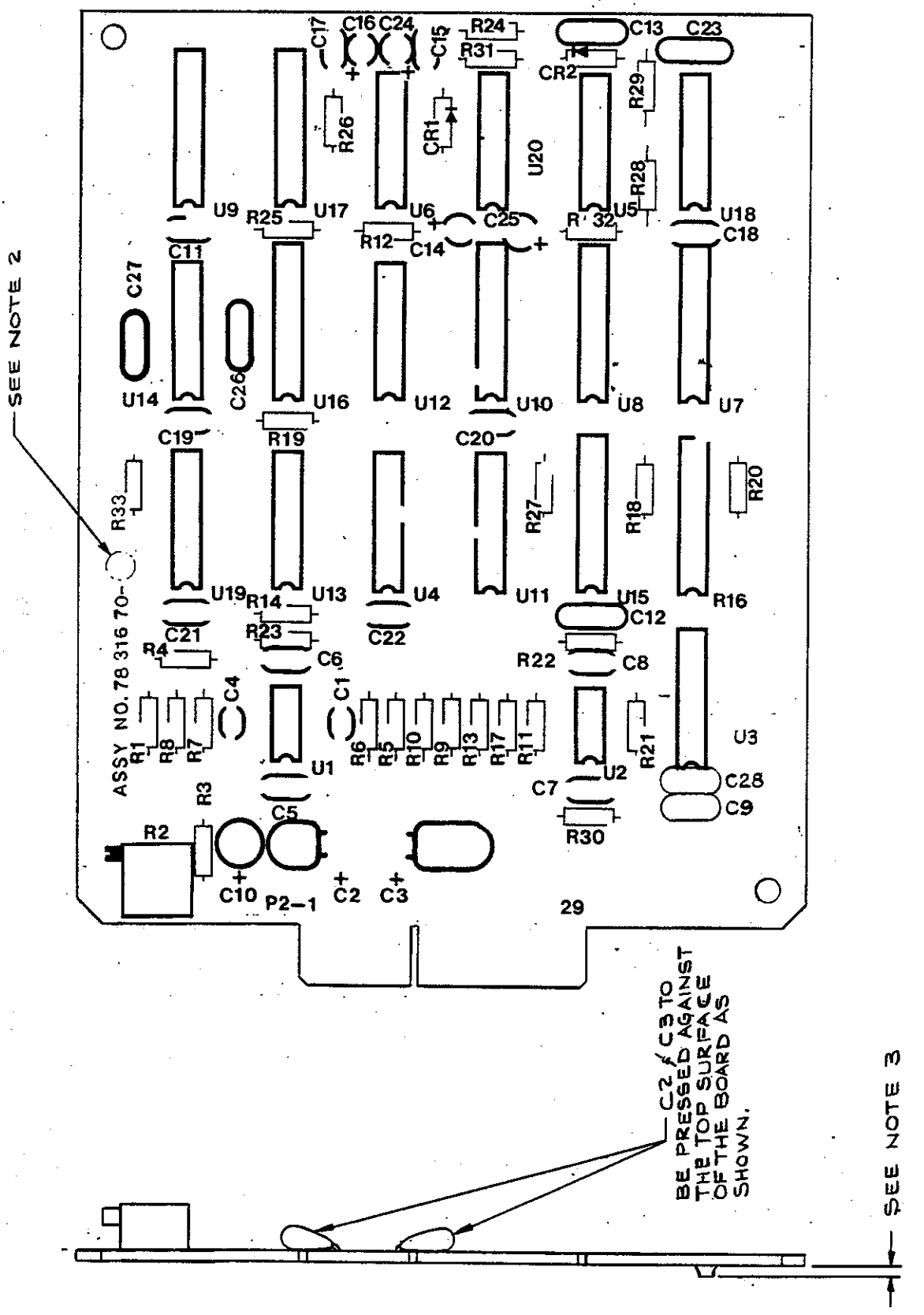
(Sheet 3 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
66	R36	Res, 1.87K, 1%, 1/8W	17 AF 218
67	R34	Res, 2.67K, 1%, 1/8W	17 AF 233
68	R21	Res, 130K, .1%, 1/8W	17 AN 303
69	R13	Res. 47, 5%, 1/2W	17 AB 121
70	R27	Res, 120. 5%, 1/2W	17 AB 151
71	R28, 29	Res, 240, 5%, 1/2W	17 AB 172
72		Not Used	
73		Not Used	
74	XDS1, 2, 3	Socket, I.C. 14 DIP	17 AP 096
75	XDS6	Socket, I.C. 16 DIP	17 AP 097
76	S4	Thumbwheel Switch Assembly	17 682 50
77	S1	Switch Slide, 3PDT	17 682 54
78	S2,3	Switch, PB, SPDT (See Note 1 for S3)	17 682 55 ■
79	Q1	Transistor, 2N4126, PNP	17 625 57
80	Q2	Transistor, 2N4124, NPN	17 625 58
81	S3	Switch, PB, SPST (See Note 2)	17 682 64 ■
82		Spacer, Switch (See Note 2)	78 315 31

NOTE 1. Item 78 is used for replacement of switch S3 (SILENCE/RESET) on PCB1 assemblies 78 315 70–1 through –4 only; not interchangeable with item 81.

NOTE 2. Items 81 and 82 are used for replacement of switch S3 (SILENCE/RESET) on PCB1 assemblies 78 315 70–5 and above; not interchangeable with item 78.

(Change 13)



NOTES:
1. ASSEMBLY OF BOARD TO CONFORM WITH SPEC. NO. 00945 12.
2. MARK ASSEMBLY REVISION LEVEL IN AREA SHOWN WITH .09 - .03 HIGH CHARACTERS USING A PERMANENT SMUDGE-PROOF INK, COLOR TO CONTRAST WITH BOARD MATERIAL.
3. COMPONENT LEAD AND SOLDER BUILD UP NOT TO EXCEED .06 MAX. FROM SURFACE OF BOARD.

FIGURE 6.5 PARTS LOCATION DIAGRAM, CONTROLLER MEASUREMENT/DIGITAL BOARD PCB2
(Change 8)

TABLE 6.5 CONTROLLER MEASUREMENT/DIGITAL BOARD PCB2, PARTS LIST

(Sheet 1 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		CONTROLLER MEASUREMENT/DIGITAL BOARD PCB2	78 316 70T
1		Not Used	
2		Not Used	
3		Not Used	
4		Not Used	
5		Not Used	
6		Not Used	
7		Not Used	
8		Not Used	
9	C2,3	Cap, 2.2 MFD, ± 10%, 50V (See Note 1)	17 AW 218
10	C10	Cap, 4.7 MFD, ± 10%, 35V (See Note 1)	17 AW 224
11	C1,4	Cap, .001 MFD, ± 10%, 50V	17 BF 377
12	C2,3,10,	Cap, 4.7 MFD, ± 10%, 35V (See Note 1)	17 AW 224
13	C5,6,7,8, 9,11,15, 17,18,19, 20,21,22,28	Cap, .01 MFD, +80 –20%, 50V	17 BF 388
14	C12,13,23, 26, 27	Cap, .10 MFD, ± 20%, 50V	17 430 57
15	C14,16	Cap, 1.0 MFD, ± 10%, 35V	17 AW 212
16	C24,25	Cap, 2.2 MFD, ± 20%, 25V	17 405 22
17		Not Used	
18	CR1,2	Diode, 1N914	17 AR 500
19		Not Used	
20		Not Used	
21	U1,2	I.C. 1458, Dual Op Amp	17 629 36
22	U3	I.C., 3302, Quad Comparator	17 629 58
23	U4	I.C., CMOS, 4066, 4 x Bilateral Sw.	17 630 76
24	U5	I.C., CMOS, 4069, Hex Inverter	17 629 92
25	U6	I.C., CMOS, 556, Dual Timer	17 632 09

NOTE 1. Items 9 and 10 used for replacement purposes on PCB2 78 316 70–8 and above. Item 12 used for replacement purposes on PCB2 78 316 70–7.

(Change 11)

TABLE 6.5 CONTROLLER MEASUREMENT/DIGITAL BOARD PCB2, PARTS LIST

(Sheet 2 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
26	U7,8,16	I.C., CMOS, 4027, Dual JK FF	17 629 86
27	U9	I.C., CMOS, 4518, Dual 4 Bit Dec Counter	17 631 62
28	U10,17	I.C., CMOS, 4040, Binary Counter	17 629 89
29	U11	I.C., CMOS, 4075, 3 x 3 Input OR	17 631 78
30	U12	I.C., CMOS, 4071, 4 x 2 Input OR	17 630 34
31	U13	I.C., CMOS, 4081, 4 x 2 Input AND	17 630 02
32	U14,19,20	I.C., CMOS, 4001, 4 x 2 Input NOR	17 629 75
33	U15	I.C. CMOS, 4022B, Johnson Counter	17 632 11
34	U18	I.C., CMOS, 4011, 4 x 2 Input NAND	17 629 77
35		Not Used	
36		Not Used	
37		Not Used	
38	R28	Res, 47.5K, 1%, 1/8W Film	17 AF 353
39	R1	Res, 8.87K, 1%, 1/8W Film (See Note 2)	17 AF 283
40	R2	Res, Var, 500, .5W, PCB, HRZ ADJ (See Note 2)	17 AN 121
41	R3	Res, 4.12K, 1%, 1/8W Film	17 AF 251
42	R4,5,9, 11,17,21, 22,25,33	Res, 10.0K, 1%, 1/8W Film (See Note 2)	17 AF 288
43	R6,30	Res, 31.6K, 1%, 1/8W Film (See Note 2)	17 AF 336
44	R7,8	Res, 2.0K, 1%, 1/8W Film	17 AF 221
45	R10	Res, 4.02K, 1%, 1/8W Film	17 AF 250
46	R12,18,24, 27	Res, 1.0M, 1%, 1/8W Film	17 AF 480
47	R13	Res, 100K, 1%, 18W Film	17 AF 384
48	R14,19, 20,23	Res, 5.1K, 5%, 1/4W Carbon	17 AH 779
49	R16	Res, Ntwk, 8 @ 10K, 2%, .25 W/R	17 AU 530
50	R26	Res, 715K, 1%, 1/8W Film	17 AF 466

NOTE 2. When replacing resistors R1, R2, R4, R5 and R6 on PCB2 assembly 78 316 70–7, use part numbers listed in Items 39, 40, 42 and 43.

TABLE 6.5 CONTROLLER MEASUREMENT/DIGITAL BOARD PCB2, PARTS LIST

(Sheet 3 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
51	R29	Res, 200K, 1%, 1/8W Film	17 AF 413
52	R31,32	Res, 1M, 5%, 1/4W Carbon	17 AH 889
53	R1	Res, 34.8K, 1%, 1/8W Film (See Note 3)	17 AF 340
54	R2	Res, Var, 2.0K, .5W, PCB, HRZ ADJ (See Note 3)	17 AN 121
55	R4	Res, 35.7K, 1%, 1/8W Film (See Note 3)	17 AF 341
56	R5	Res, 10.7K, 1%, 1/8W Film (See Note 3)	17 AF 291
57	R6	Res, 69.8K, 1%, 1/8W Film (See Note 3)	17 AF 369

NOTE 3. When replacing resistors, R1, R2, R4, R5 and R6 on PCB2 assembly 78 316 70–8 and above, use part numbers listed in items 53 through 57.

TABLE 6.5A CONTROLLER MEASUREMENT/DIGITAL BOARD PCB2, FOR CONTROLLERS CM78–2 SERIES 02, 03 AND 05, PARTS LIST

(Sheet 1 of 2)

ITEM NO.	REFERENCE DESIGN.	DESCRIPTION	PART NUMBER
		PCB2 Assy, Measurement/Dgtl SERIES –02 Controllers, ± 0.5 °C	78 316 71T
		PCB2 Assy, Measurement/Dgtl SERIES –03 and –05 Controllers, ± 1.0 °C	78 316 72T
1		Not Used	
2		Not Used	
3		Not Used	
4		Not Used	
5		Not Used	
6		Not Used	
7		Not Used	
8		Not Used	
9		Not Used	
10		Not Used	
11	C1,4	Cap, .001 MFD, 10%, 50V	17 BF 377
12	C10	Cap, 4.7 MFD, ± 10%, 35V (See Note 1)	17 AW 224
13	C5,6,7,8, 9,11,15, 17,18,19, 20,21,22,28	Cap, .01 MFD, +80 –20%, 50V	17 BF 388
14	C12,13,23, 26, 27,C29.30	Cap, .10 MFD, ± 20%, 50V	17 430 57
15	C14,16	Cap, 1.0 MFD, ± 10%, 35V	17 AW 212
16	C24,25	Cap, 2.2 MFD, ± 20%, 25V	17 405 22
17	C2,3	Cap, 2.2 MFD, ± 10%, 50V	17 AW 218
18	CR1,2	Diode, 1N914	17 AR 500
19		Not Used	
20		Not Used	
21	U1,2	I.C., 1458, Dual Op Amp	17 629 36
22	U3	I.C., 3302, Quad Comparator	17 629 58
23	U4	I.C., CMOS, 4066, 4 x Bilateral Sw.	17 630 76
24	U5	I.C., CMOS, 4069, Hex Inverter	17 629 92
25	U6	I.C., CMOS, 556, Dual Timer	17 632 09
26	U7,8,16	I.C., CMOS, 4027, Dual JK FF	17 629 86
27	U9	I.C., CMOS, 4518, Dual 4 Bit Dec Counter	17 631 62
28	U10,17	I.C., CMOS, 4040, Binary Counter	17 629 89
29	U11	I.C., CMOS, 4075, 3 x 3 Input OR	17 631 78
30	U12	I.C., CMOS, 4071, 4 x 2 Input OR	17 630 34
31	U13	I.C., CMOS, 4081, 4 x 2 Input AND	17 630 02
32	U14,19,20	I.C., CMOS, 4001, 4 x 2 Input NOR	17 629 75
33	U15	I.C., CMOS, 4022B, Johnson Counter	17 632 11
34	U18	I.C., CMOS, 4011, 4 x 2 Input NAND	17 629 77
35		Not Used	
36		Not Used	
37		Not Used	
38	R28	Res, 47.5K, 1%,1/8W Film	17 AF 353
39		Not Used	

(Change 11)

TABLE 6.5A CONTROLLER MEASUREMENT/DIGITAL BOARD PCB2, FOR CONTROLLERS CM78–2 SERIES 02, 03 AND 05, PARTS LIST

(Sheet 2 of 2)

ITEM NO.	REFERENCE DESIGN.	DESCRIPTION	PART NUMBER
40	R2	Res, Var, 5002, .5W, PCB,HRZ ADJ (See Note 2)	17 AN 121
41	R3	Res, 4.12K, 1%, 1/8W Film	17 AF 251
42	R9, 11,17,21, 22,25,33	Res, 10.0K, 1%, 1/8W Film	17 AF 288
43	R30	Res, 31.6K, 1%, 1/8W Film	17 AF 336
44	R7;8	Res, 2.0K, 1%, 1/8W Film	17 AF 221
45	R10	Res, 4.02K, 1%, 1/8W Film	17 AF 250
46	R12,18,24, 27	Res, 1.0M, 1%, 1/8W Film	17 AF 480
47	R13	Res, 100K, 1%, 1.8W Film	17 AF 384
48	R14,19, 20,23	Res, 5.1K, 5%, 1/4W Carbon	17 AH 779
49	R16	Res, Ntwk,8 @ 10K, 2%, .25 W/R	17 AU 530
50	R26	Res, 715K,1%,1/8W Film	17 AF 466
51	R29	Res, 200K, 1%, 1/8W Film	17 AF 413
52	R31,32	Res, 1M, 5%, 1/4W Carbon	17 AH 889
53	R5	Res, 10.7K, 1%, 1/8W Film	17 AF 340
54	R1	Res, 34.8K, 1%,1/8W Film	17 AF 291
55	R4	Res, 35.7K, 1%, 1/8W Film	17 AF 341
56	R6	Res, 69.8K, 1%, 1/8W Film	17 AF 369
57	R34	Resistor Body Jumper	17 217 62
58		Not Used	
59		Not Used	
60	W1,2	Wire, Buss, 22 AWG, Solid Copper Used on 78 316 72 Only	17 715 50

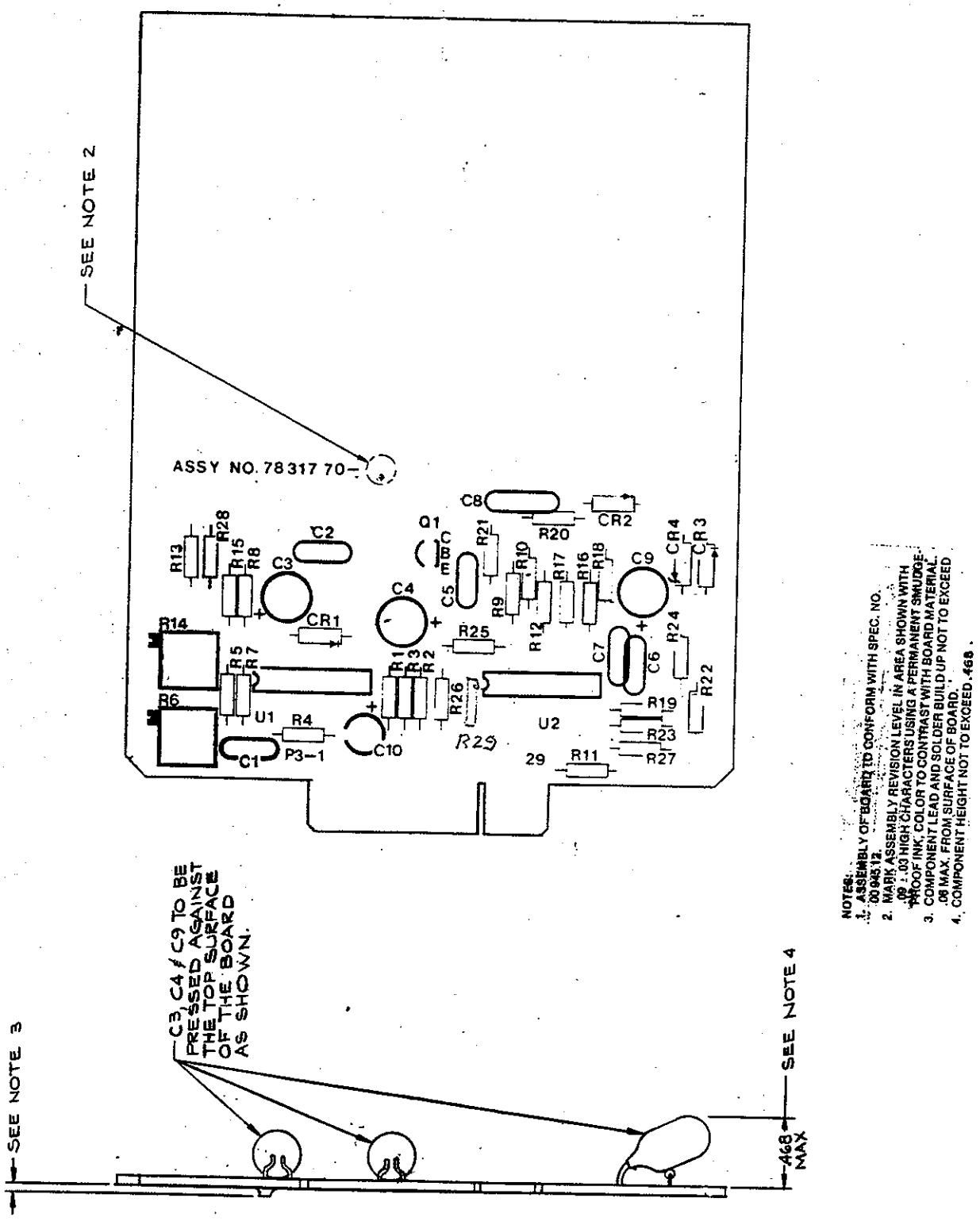


FIGURE 6.6 PARTS LOCATION DIAGRAM, CONTROLLER CONTROL BOARD PCB3

(Change 8)

TABLE 6.6 CONTROLLER CONTROL BOARD PCB3, PARTS LIST

(Sheet 1 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		CONTROLLER CONTROL BOARD PCB3	78 317 70T
1		Not Used	
2		Not Used	
3		Not Used	
4		Not Used	
5		Not Used	
6		Not Used	
7		Not Used	
8		Not Used	
9		Not Used	
10		Not Used	
11	C1,2,6,7	Cap, .01 MF, +80 –20%, 50V	17 BF 388
12	C3,4	Cap, 33 MF, 10%, 25V	17 AW 248
13	C5	Cap, .1 MF, 20%, 50V	17 430 57
14	C8	Cap, .22 MF, 20%, 50V	17 430 04
15	C9	Cap, 100 MF, 10%, 20V	17 AW 263
16	C10	Cap, 10 MFD, 10%, 25V	17 AW 236
17		Not Used	
18		Not Used	
19		Not Used	
20		Not Used	
21	CR1,2,3	Diode, 1N914	17 AR 500
22	CR4	Diode, 1N5231B	17 502 08
23		Not Used	
24		Not Used	
25		Not Used	
26	U1,2	I.C., 3403	17 629 70
27		Not Used	
28		Not Used	
29		Not Used	
30		Not Used	

(Change 11)

TABLE 6.6 CONTROLLER CONTROL BOARD PCB3, PARTS LIST

(Sheet 2 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
31	R28	Res, 3.01K, 1%, 1/8W	17 AF 238
32	R1,7,8, 10,15,20,24	Res, 10K, 1%, 1/8W	17 AF 288
33	R2	Res, 15K, 1%, 1/8W	17 AF 305
34	R3	Res, 4.99K, 1%, 1/8W	17 AF 259
35	R4	Res, 8.06K, 1%, 1/8W	17 AF 279
36	R5	Res, 6.98K, 1%, 1/8W	17 AF 273
37	R6	Pot., Horizontal Adj., 2K	17 AN 121
38	R9	Res, 1M, 1%, 1/8W	17 AF 480
39	R11	Res, 11.3K, 1%, 1/8W	17 AF 293
40	R12	Res, 22.6K, 1%, 1/8W	17 AF 322
41	R13	Res, 15.8K, 1%, 1/8W	17 AF 307
42	R14	Pot, Horizontal Adj., 10K	17 AN 127
43	R16	Res, 14.7K, 1%, 1/8W	17 AF 304
44	R17	Res, 30.1K, 1%, 1/8W	17 AF 334
45	R18	Res, 10.2K, 1%, 1/8W	17 AF 289
46	R21,29	Res, 90.9K, 1%, 1/8W	17 AF 380
47	R22	Res, 100, 1%, 1/8W	17 AF 096
48	R23,27	Res, 100K, 1%, 1/8W	17 AF 384
49	R25	Res, 47.5K, 1%, 1/8W	17 AF 353
50	R26	Res, 2K, 1%, 1/8W	17 AF 221
51	R19	Res, 20K, 1%, 1/8W	17 AF 317
52		Not Used	
53		Not Used	
54		Not Used	
55	Q1	Transistor, PNP, 2N4126	17 625 57

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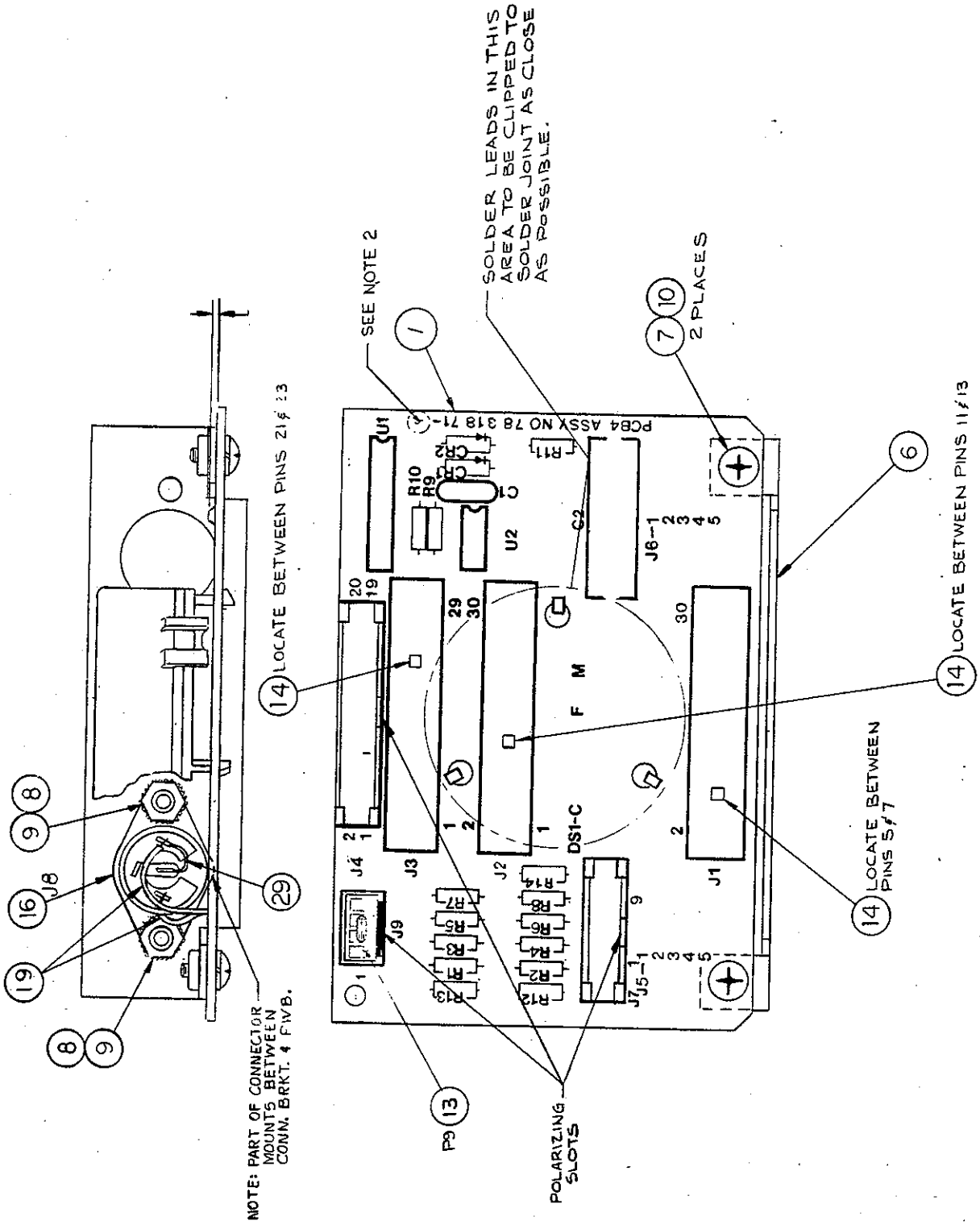

FIGURE 6.7 PARTS LOCATION DIAGRAM, CONTROLLER MOTHERBOARD PCB4

(Change 8)

TABLE 6.7 CONTROLLER MOTHER BOARD PCB4, PARTS LIST

(Sheet 1 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		CONTROLLER MOTHER BOARD PCB4, CM78–1 Series 00 thru 03 and CM78–2 Series 00	78 931 86T
–		CONTROLLER MOTHER BOARD PCB4, CM78–2 Series 01	78 318 71T
1		Not Used	
2		Not Used	
3		Not Used	
4		Not Used	
5		Not Used	
6		Bracket, Connector	78 318 25
7		Scr, 4–40 x 1/4, TR PH SS	99 010 56
8		Wshr, #4 LK SHE SS	99 121 37
9		Nut, No. 4 HX SS Small Pattern	99 103 35
10		Wshr, No. 4 LK SP SS	99 121 36
11	C1	Cap, .001 MF, 20%, 1KV	17 BF 083
12	*	Conn, PC HDR, LKG, SGL Row 4 Posn	17 BP 803
13	*	Plug, Assy, Alarm enable	78 327 50
14		Key, Polarizing	17 BP 642
15	J1,2,3	Conn, Rcpt, Card Edge, PC Mtg	17 BP 632
16	J8	Conn, Rcpt, Female, 3 Posn.	17 724 26
17	J4	Conn, Rcpt. Male, 20 Contacts	17 BP 653
18	J7	Conn, Rcpt, Male, 10 Contacts	17 732 34
19		Not Used	
20		Not Used	
21	CR1,2	Diode, 1N913	17 AR 500
22		Not Used	
23	U2	I.C., CMOS, 3634	17 630 11
24	U2**	I.C., CMOS, 3633	17 629 52
25	U1*	I.C., CMOS, 4049	17 630 45
26	R12*	Res, 69.8K, 1%, 1/8W Film	17 AF 369
27		Not Used	
28	DS1	Transducer, Tone	68 903 88
29		Not Used	
30	R1	Res, 2K, 1%, 1/8W Film	17 AF 221

* PCB4 – 78 318 71 only.

** PCB4 – 78 318 72 only.

(Change 11)

TABLE 6.7 CONTROLLER MOTHER BOARD PCB4, PARTS LIST

(Sheet 2 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
31	R2,R13*	Res, 20K, 1%, 1/8W, Film	17 AF 317
32	R3,	Res, 10K, 1%, 1/8W Film	17 AF 288
	R3, R9,	Res, 10K, 1%, 1/8W Film	17 AF 288
33	R4	Res, 4.99K, 1%, 1/8W Film	17 AF 259
34	R5	Res, 200K, 1%, 1/8W Film	17 AF 413
35	R6	Res, 100K, 1%, 1/8W Film	17 AF 384
36	R7	Res, 49.9K, 1%, 1/8W Film	17 AF 355
37	R8	Res, 24.9K, 1%, 1/8W Film	17 AF 326
38	R9	Res, 3.9M, 5%, 1/4W Carbon	17 AA 475
39	R10	Res, 100K, 5%, 1/4W Carbon	17 AA 361
40	R11*	Res, 68, 5%, 1/4W Carbon Film	17 AH 689

* PCB4 – 78 318 71 only.

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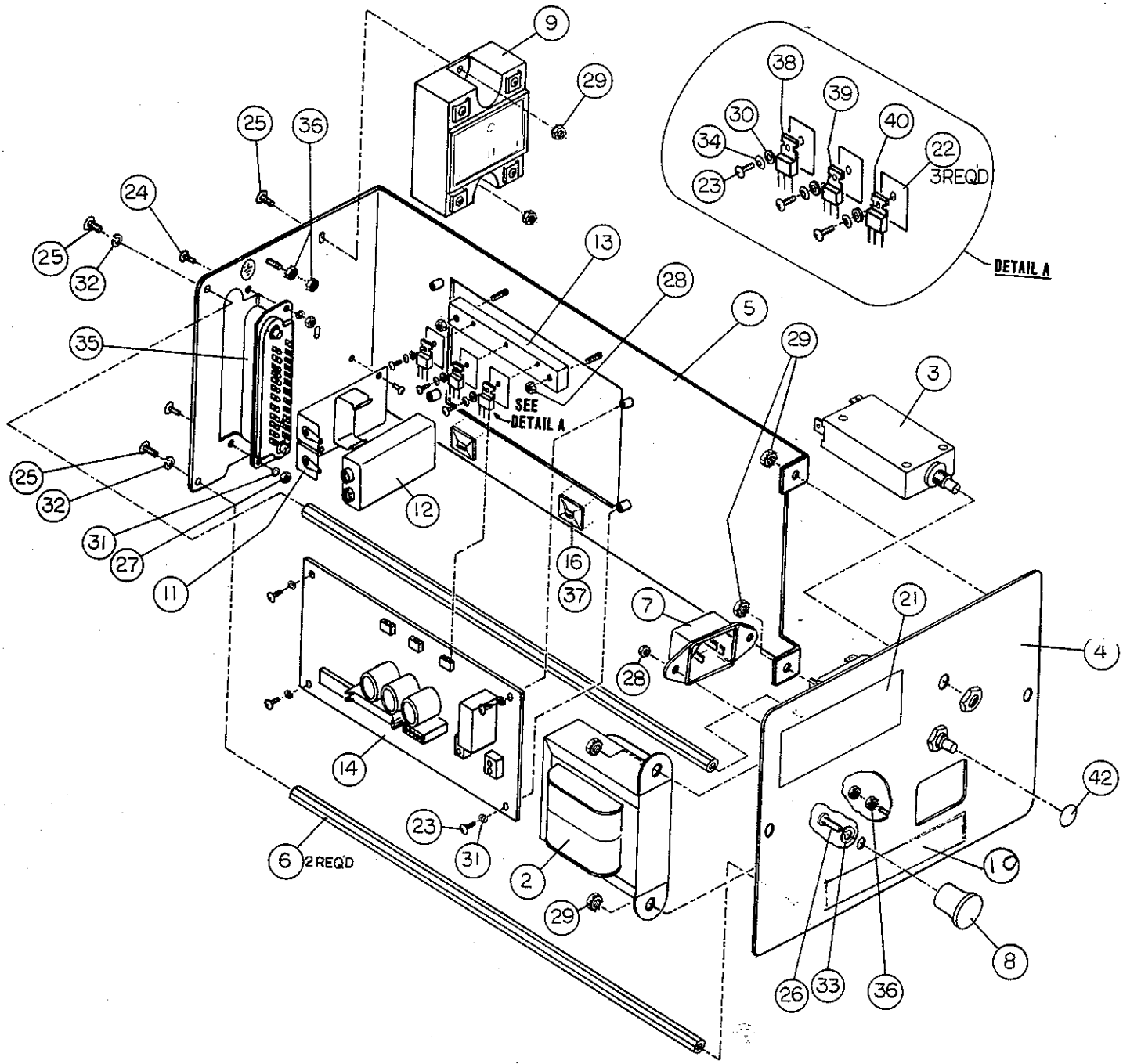

280Vac LINE FILTER NOT SHOWN.

FIGURE 6.8 PARTS LOCATION DIAGRAM, POWER MODULE ASSEMBLY

TABLE 6.8 POWER MODULE ASSEMBLY, PARTS LIST

(Sheet 1 of 3)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		POWER MODULE ASSEMBLY:	
		English Labeling, 110/120V	78 306 70 or 78 306 70CC
		Spanish Labeling, 110/120V	78 306 71 or 78 306 71CC
		French Labeling, 110/120V	78 306 72 or 78 306 72CC
		English Labeling, 220/240V	78 306 80 or 78 306 80CC
		Spanish Labeling, 220/240V	78 306 81 or 78 306 81CC
		French Labeling, 220/240V	78 306 82 or 78 306 82CC
		German Labeling, 220/240V	78 306 83 or 78 306 83CC
		English Labeling, 100V	78 306 90 or 78 306 90CC
–		Chassis Assembly, 110/120V	78 306 20 or 78 306 20CC
–		Chassis Assembly, 220/240V	78 306 21 or 78 306 21CC
–		Chassis Assembly, 100V	78 306 22
–		Chassis Assembly, 220V Ger	78 306 50 or 78 306 50CC
1		Not Used	
2	T1	Transformer Assembly, 110/120V	78 307 70
	T1	Transformer Assembly, 220/240V	78 307 80
	T1	Transformer Assembly, 100V	78 307 90
3	CB1,CB2	Circuit Breaker, 10A (See Note 1)	17 BH 154
	CB1,CB2	Circuit Breaker, 5A (See Note 2)	17 BH 150
4		Plate, End, Pwr Chassis	78 306 17
5		Chassis, Power	78 306 18
6		Spacer, Power Chassis	78 306 16
7		Power Connector Assembly	78 306 65
8		Knob, Plastic, Black, 1/4–20 THD	78 155 43
9	K2	Relay, Solid State, 240V, 10A (100V and 110/120V Power Modules)	68 903 83
	K2	Relay, Solid State, 240V, 10A (VDE) (220/240V Power Modules)	68 903 84
10		Label, Shock Hazard, Eng	78 306 41CC
		Label, Shock Hazard, Spn	78 306 42CC
		Label, Shock Hazard, Frn	78 306 43CC
		Label, Shock Hazard, Ger	78 306 44CC
11		Battery Holder Assembly	78 306 60
12		Battery 7.2V, Rechargeable	17 807 65
13		Heatsink, Power Ch., Volt Regulator	78 306 19

NOTE 1. CB1 and CB2 are 10A (first production) or 13A part no. 17 BH 156 (later production). CB2 replaced with item 42 in later production.

NOTE 2. CB1 and CB2 changed to 7A Part No. 17 BH 152 in later production.

(Change 11)

TABLE 6.8 POWER MODULE ASSEMBLY, PARTS LIST

(Sheet 2 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
14		PCB 1 Assy, Power Supply, Series 00	78 930 72
		Power Module, (Refer to Table 6.9)	
		PCB 1 Assy, Power Supply, Series 01	78 320 91T
		Power Module (Refer to Table 6.9A)	
15		Not Used	
16		Clip, Cord, Retaining	17 061 87
17		Not Used	
18		Not Used	
19		Not Used	
20		Not Used	
21		Tag, Data	78 306 40
		Tag, Data, IEC 601-1	78 306 47
22		Insulator, Xstr, Therm Cond.	17 061 19
23		Screw, 4-40 x 1/4 TR PH SS	99 010 56
24		Screw, 4-40 x 3/8 TR PH SS	99 011 07
25		Screw, 8-32 x 3/8 TR PH SS	99 031 38
26		Screw, 1/4-20 x 3/8 TR PH SS	99 055 03
27		Nut, 4-40 HX SS	99 103 00
28		Nut, 4-40 HX KEPS S CA	99 103 33
29		Nut, 8-32 HX KEPS S CA	99 106 32
30		Wshr, Shoulder, Nyl	99 121 52
31		Wshr, No. 4 LK SP SS	99 121 36
32		Wshr, No. 8 LK SP SS	99 122 95
33		Wshr, 1/4 LK SP SS	99 125 53
34		Wshr, Compression	99 121 66
35		Connector, Recpt, Fem, 24 Posn.	17 BP 644
36		Nut, 6-32 HX KEPS S CA	99 105 34
37		Not Used	
38*	VR1	Regulator, 78M12UC (500 MA) +12V	17 AT 003
38A**	VR1,2	Regulator, Modified, Pos. 7.5W, 500 MA	78 306 45

* Series 00 Power Module

** Series 01 Power Module

(Change 13)

TABLE 6.8 POWER MODULE ASSEMBLY, PARTS LIST

(Sheet 3 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
39*	VR2	Regulator, 78M05UC (500 MA) +5V	17 AT 000
40*	VR3	Regulator, 79M12AUC (500 MA) –12V	17 AT 013
40A**	VR3	Regulator, Modified, Neg, 7.5W, 500 MA	78 306 46
41		Not Used	
42		Button, Plug, Plastic (See Note 3)	78 306 31
43		Filter, Line, EMI (280 Vac)	17 585 47
44		Filter, Mounting Plate	78 306 13
45		Mtg Strap, Filter Mtg Plate	78 306 14
46		Screw, 8–32–5/8" TR, PH, SS	99 032 57
47		Wshr, PL #8, 3/4" O.D.	99 123 32
48		Wiring Harness, 230 Vac	78 992 96
49		Wiring Harness, 110/115V	78 992 95

* Series 00 Power Module

** Series 01 Power Module

NOTE 3. Item 42 replaces CB2 in later production.

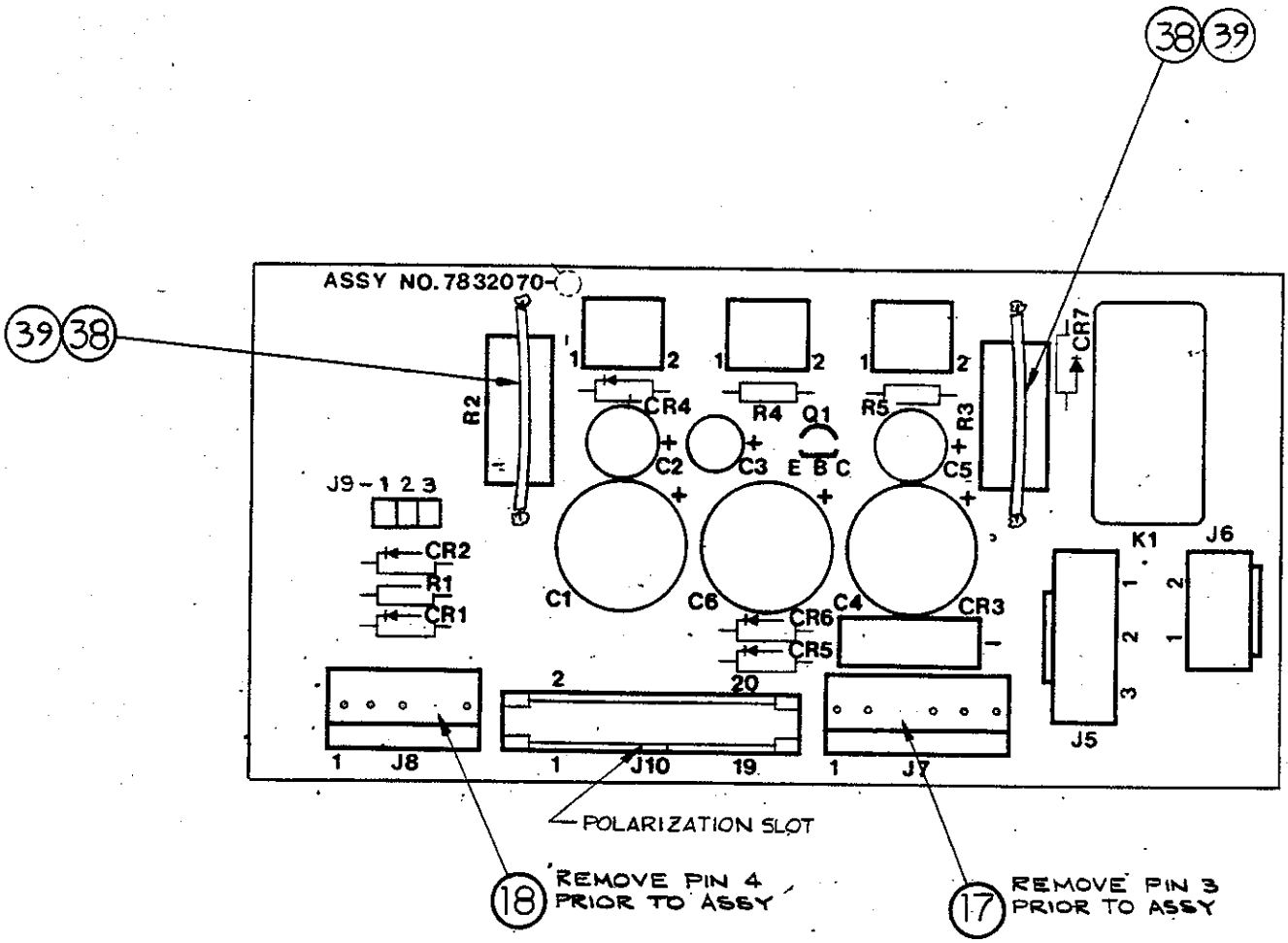

FIGURE 6.9 PARTS LOCATION DIAGRAM, POWER MODULE POWER SUPPLY BOARD PCB1, (SERIES 00 POWER MODULE)
(Change 8)

TABLE 6.9 POWER MODULE POWER SUPPLY BOARD PCB1, (SERIES 00 POWER MODULE), PARTS LIST

(Sheet 1 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		POWER MODULE POWER SUPPLY BOARD PCB1	78 930 72 ■
1		Not Used	
2		Not Used	
3		Not Used	
4		Not Used	
5		Not Used	
6		Not Used	
7		Not Used	
8		Not Used	
9		Not Used	
10	C1,4,6	Cap, 1000 MFD, 35V	17 AW 853
11	C2,5	Cap, 56 MFD, 15V	17 AW 257
12	C3	Cap, 4.7 MFD, 35V	17 AW 224
13		Not Used	
14	J9	Conn, P.C. Header, Sgl Row, 3 Posn	17 BP 373
15	J6	Conn, Rcpt, Male, PC Mtg, 2 Posn	17 BP 647
16	J5	Conn, Rcpt, Male, PC Mtg, 3 Posn.	17 BP 648
17	J7	Conn, Rcpt, Male, PC Term, 6 Posn.	17 BP 029
18	J8	Conn, Rcpt, Male, PC Term, 5 Posn.	17 BP 028
19	J10	Conn, PC Header, Dbl Row 20 Posn.	17 BP 653
20	XVR1, XVR2, XVR3	Conn, Rcpt, Female, PC Term, 3 Posn.	17 731 94
21	CR1,2,4	Diode, 1N914	17 AR 500
22	CR3	Rectifier Bridge, F.W., 1.5 AMP, 100V	17 AS 201
23	CR5,6,7	Diode, 1N4001	17 AS 000
24		Not Used	
25		Not Used	

(Change 11)

TABLE 6.9 POWER MODULE POWER SUPPLY BOARD, PCB1, (SERIES 00 POWER MODULE), PARTS LIST

(Sheet 2 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
26	R1	Res,, 8.66K, 1%, 1/8W	17 AF 282
27		Not Used	
28	R4	Res, 3.74K, 1%, 1/8W	17 AF 247
29	R5	Res, 12.1K, 1%, 1/8W	17 AF 296
30		Not Used	
31		Not Used	
32		Not Used	
33		Not Used	
34		Not Used	
35	K1	Relay, SPDT, 12 VDC, 10A	17 652 66
36		Not Used	
37	Q1	Transistor, 2N4126	17 625 57

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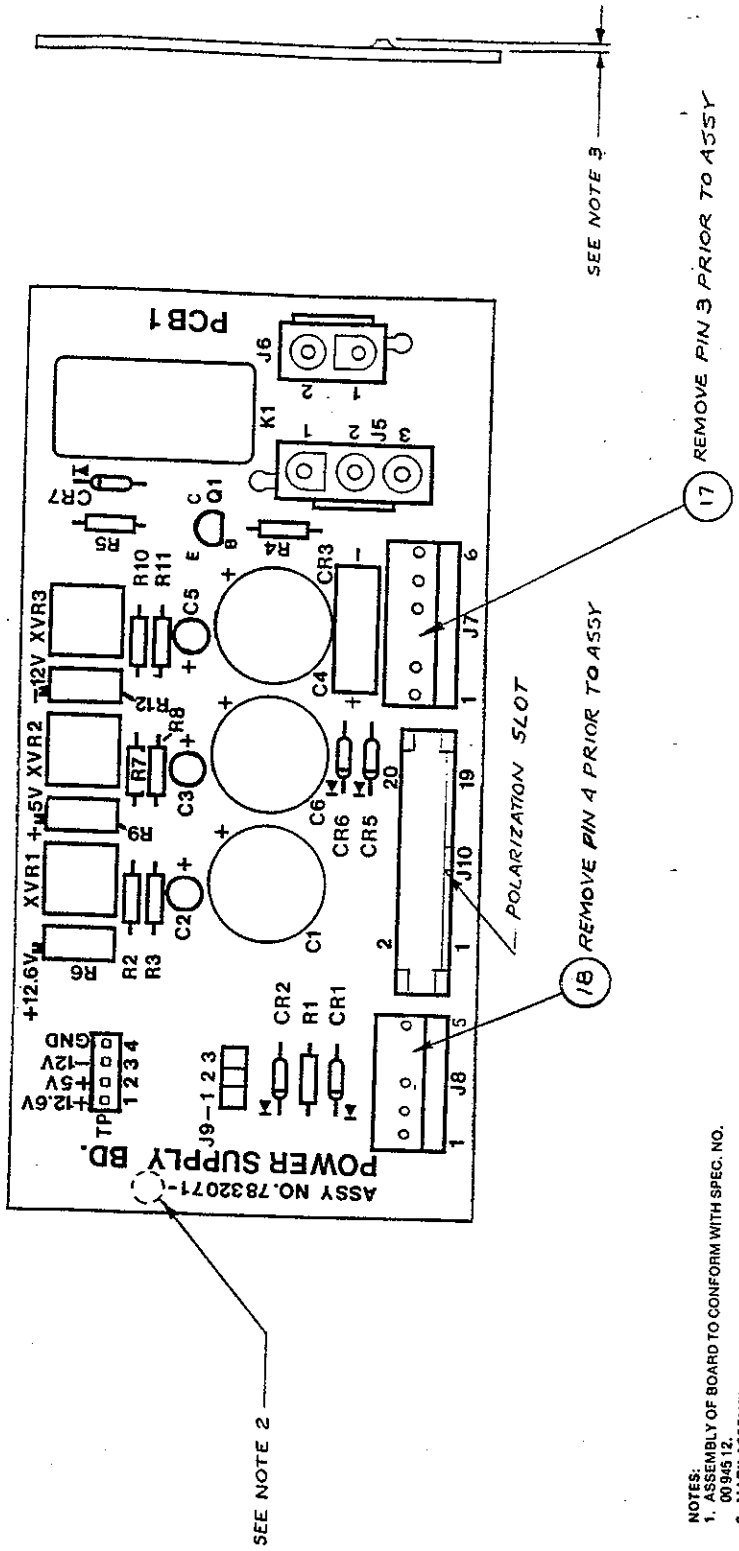

FIGURE 6.9A PARTS LOCATION DIAGRAM, POWER MODULE POWER SUPPLY BOARD PCB1 (SERIES 01 POWER MODULE)
(Change 8)

TABLE 6.9A POWER MODULE POWER SUPPLY BOARD, PCB1 (SERIES 01 POWER MODULE), PARTS LIST

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		POWER MODULE POWER SUPPLY BOARD, PCB1	78 320 91T
1		Not Used	
2		Not Used	
3		Not Used	
4		Not Used	
5		Not Used	
6		Not Used	
7		Not Used	
8		Not Used	
9		Not Used	
10	C1,4,6	Cap, 1000 MFD, 35V	17 AW 853
11	C2,3,5	Cap, 10 MFD, 25V	17 AW 236
12		Not Used	
13		Not Used	
14	J9	Conn, PC Header, Sgl Row, 3 Posn	17 BP 373
15	J6	Conn, Rcpt, Male, PC Mtg, 2 Posn	17 BP 647
16	J5	Conn, Rcpt, Male, PC Mtg, 3 Posn	17 BP 648
17	J7	Conn, Rcpt, Male, PC Term, 6 Posn	17 BP 029
18	J8	Conn, Rcpt, Male, PC Term, 5 Posn	17 BP 028
19	J10	Conn, PC Header, Dbl Row, 20 Posn	17 BP 653
20	XVR1,2,3	Conn, Rcpt, Female, PC Term, 3 Posn	17 731 94
21	CR1,2	Diode, 1N914	17 AR 500
22	CR3	Rectifier, Bridge, F.W., 1.5A, 100V	17 AS 201
23	CR5,6,7	Diode, 1N4001	17 AS 000
24		Not Used	
25	R2,7,10	Res, 124 , 1%, 1/8W	17 AF 105
26	R8	Res, 274 , 1%, 1/8W	17 AF 138
27	R11	Res, 976 , 1%, 1/8W	17 AF 191
28	R3	Res, 1.02K, 1%, 1/8W	17 AF 293
29	R4	Res, 3.74K, 1%, 1/8W	17 AF 247
30	R1	Res, 8.66K, 1%, 1/8W	17 AF 282
31	R5	Res, 12.1K, 1%, 1/8W	17 AF 296
32		Not Used	
33		Not Used	
34	R6,9,12	Res, Variable, 200, 10%, 1/2W	17 AN 054
35		Not Used	
36	K1	Relay, SPDT, 12 VDC, 10A	17 652 66 ■
37		Not Used	
38	Q1	Transistor, 2N4126	17 625 57
39		Not Used	
40	TP1,2,3,4	Term, Strip, Bifurcated (4 Posn)	17 BG 013

(Change 12)

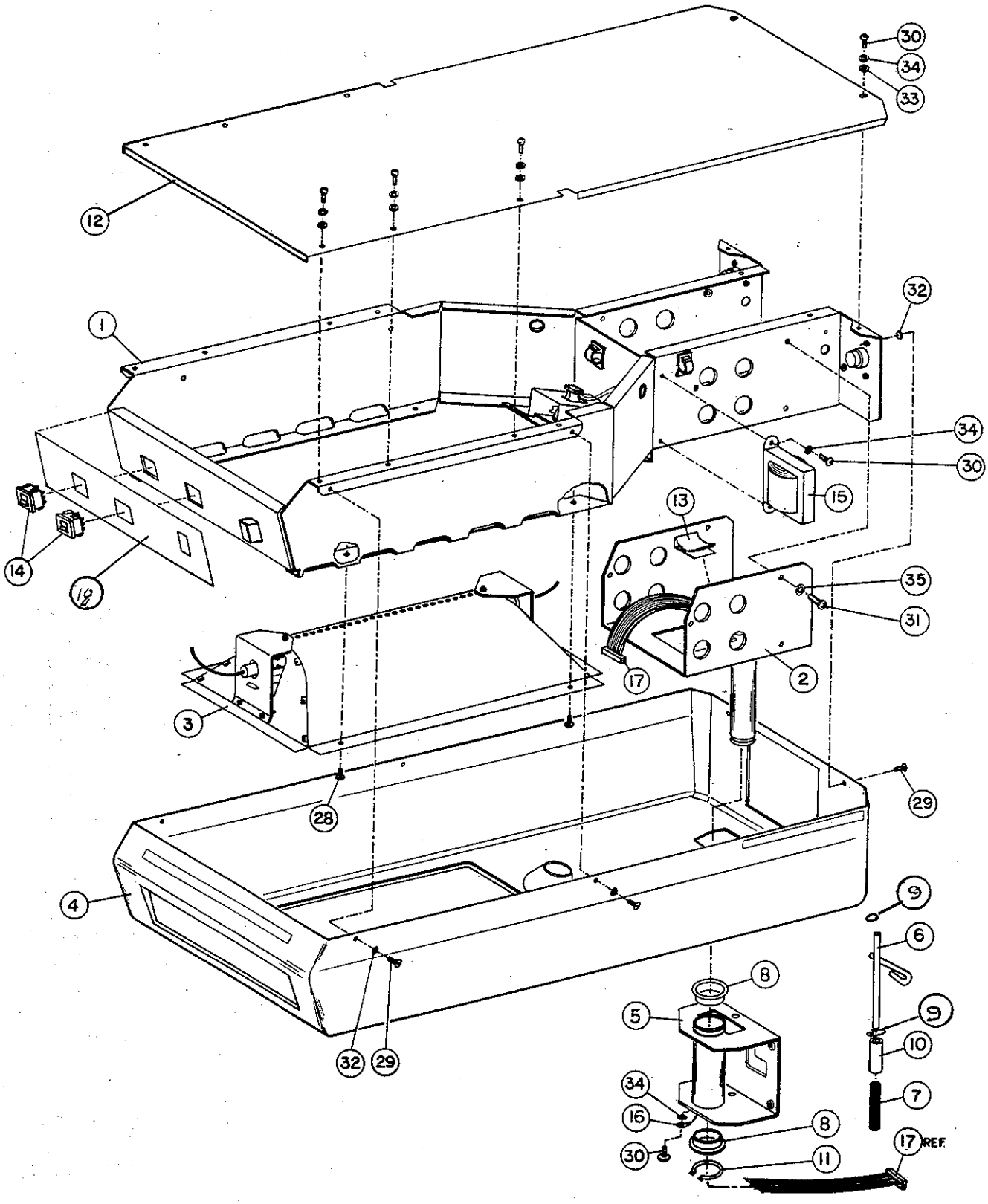

FIGURE 6.10 PARTS LOCATION DIAGRAM, WARMER MODULE ASSEMBLY (INFANT INTENSIVE CARE SYSTEM, WALL MOUNTED INFANT INTENSIVE CARE SYSTEM, AND WALL MOUNTED INFANT WARMER)
(Change 10)

TABLE 6.10 WARMER MODULE ASSEMBLY, PARTS LIST (INFANT INTENSIVE CARE SYSTEM, WALL MOUNTED INFANT INTENSIVE CARE SYSTEM, AND WALL MOUNTED INFANT WARMER)

(Sheet 1 of 2)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		WARMER MODULE ASSEMBLY	
		INFANT INTENSIVE CARE SYSTEM:	
		English Labeling, 110/120V	78 265 70 or 78 265 70CC
		Spanish Labeling, 110/120V	78 265 71 or 78 265 71CC
		French Labeling, 110/120V	78 265 72 or 78 265 72CC
		English Labeling, 220/240V	78 265 80 or 78 265 80CC
		Spanish Labeling, 220/240V	78 265 81 or 78 265 81CC
		French Labeling, 220/240V	78 265 82 or 78 265 82CC
		German Labeling, 220/240V	78 265 83 or 78 265 83CC
		English Labeling, 100V	78 265 90 or 78 265 90CC
1		Warmer Module Subassembly	78 260 70
		(Refer to Table 6.11)	
2		Bracket, Pivot, Warmer Mtg. Repl. Kit	78 930 98
3		Heater/Reflector Assembly	
		(Refer to Table 6.12)	
		110/120V	78 263 70
		220/240V	78 263 80
		100V	78 263 90
4		Hood, Warmer:	
		English Labeling, 110/120V	78 940 00 or 78 940 00CC
		Spanish Labeling, 110/120V	78 940 01 or 78 940 01CC
		French Labeling, 110/120V	78 940 02 or 78 940 02CC
		English Labeling, 220/240V	78 940 03 or 78 940 03CC
		Spanish Labeling, 220/240V	78 940 04 or 78 940 04CC
		French Labeling, 220/240V	78 940 05 or 78 940 05CC
		German Labeling, 220/240V	78 940 06 or 78 940 06CC
		English Labeling, 100V	78 940 07 or 78 940 07CC
5		Bracket, Pivot, Post Mtg.	78 265 00
6		Pin, Latching, Warmer Pivot	78 265 05
7		Spring, Compression	78 265 10
8		Bushing, Shouldered, Plastic	78 265 15
9		Bearing, Split, 1/4 I.D., Plastic	78 155 65
10		Spacer, .257 I.D. x .375 O.D. x 1.00 NYL	99 125 61
11		Ring, Rtng, Ext., 1!P4 I.D., S, Z1	99 186 20

(Change 9)

TABLE 6.10 WARMER MODULE ASSEMBLY, PARTS LIST (INFANT INTENSIVE CARE SYSTEM, WALL MOUNTED INFANT INTENSIVE CARE SYSTEM, AND WALL MOUNTED INFANT WARMER)

(Sheet 2 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
12		Screen, Top, Warmer	78 265 20
13		Clamp, Flat, Cable, Plastic	17 062 11
14	S2, S3	Switch, Rocker, 2PST	17 682 63
15	T2	Transformer Assy. 110/120V	78 265 95
	T2	Transformer Assy. 220/240V	78 265 96
	T2	Transformer Assy. 100V	78 265 97
16		Ground Wire Assy.	78 265 99
17		Interconnect Cable Assy.	67 100 18
18		Switch Panel Label, Eng	78 265 35 or 78 265 35CC
		Spn	78 265 36 or 78 265 36CC
		Frn	78 265 37 or 78 265 37CC
		Ger	78 265 38 or 78 265 38CC
19		Not Used	
20		Not Used	
21		Not Used	
22		Not Used	
23		Not Used	
24		Not Used	
25		Not Used	
26		Not Used	
27		Not Used	
28		Screw, 6-32 x 5/16, TR, PH, SS Nylock	99 023 03
29		Screw, 6-32 x 3/8, OV, PH, SS, Nylock	99 023 45
30		Screw, 8-32 x 3/8, TR, PH, SS	99 031 38
31		Screw, 1/4-20 x 3/8, RD, PH, SS	99 055 03
32		Washer, Finishing, #6 NYLON	99 122 44
33		Washer, Flat, 0.175 ID, 0.47 OD, 0.035 THK, SS	99 122 66
34		Washer, LK, SP, #8, SS	99 122 95
35		Washer, LK, SP, 1/4, SS	99 125 53

(Change 13)

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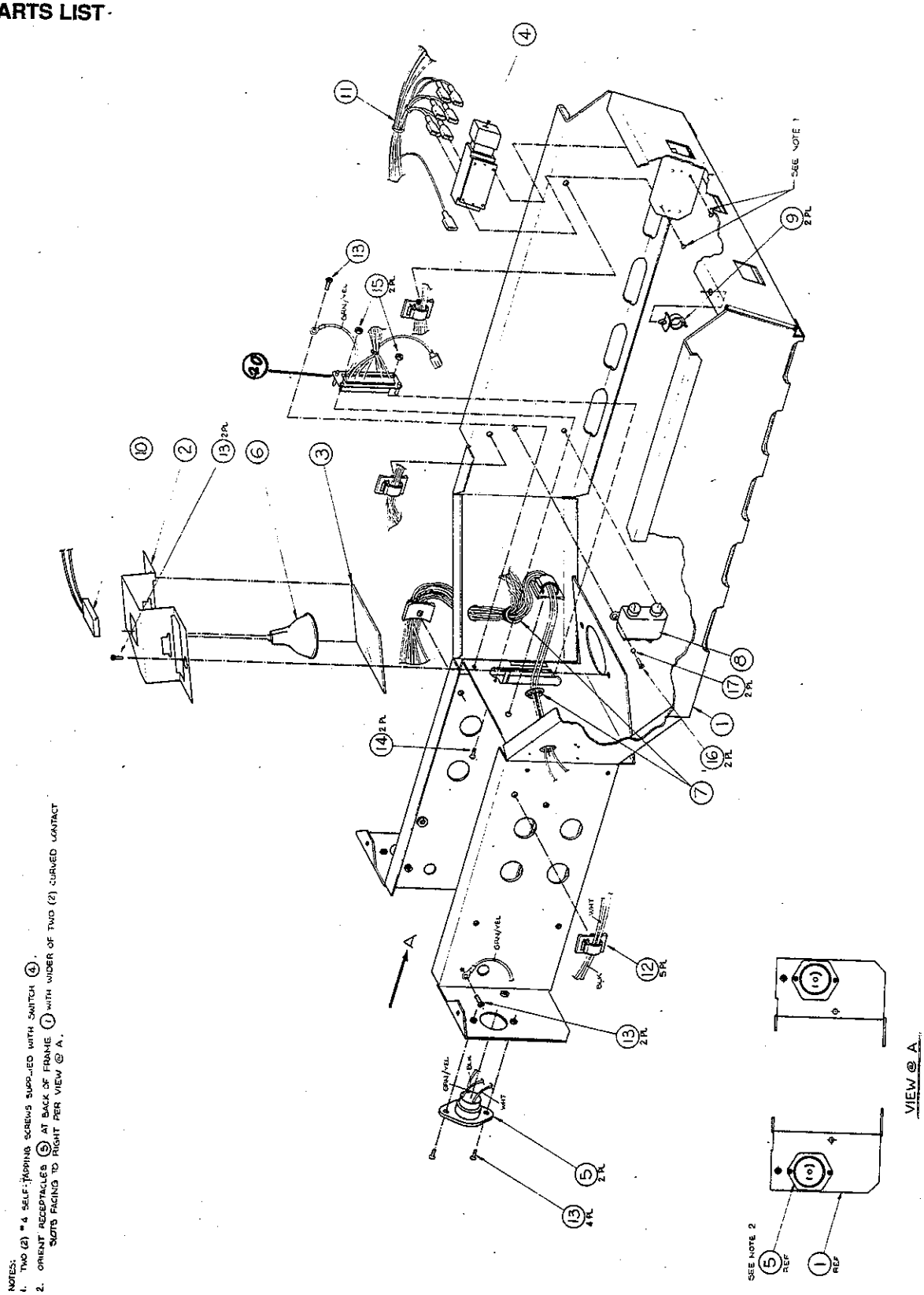
NOTES:
1. TWO (2) #4 SELF-TAPPING SCREWS SUPPLIED WITH SWITCH (4).
2. ORIENT RECEPTACLES (5) AT BACK OF FRAME (1) WITH WIDER OF TWO (2) CURVED CONTACT SLOTS FACING TO RIGHT PER VIEW @ A.
SEE NOTE 1
SEE NOTE 2
VIEW @ A

FIGURE 6.11 PARTS LOCATION DIAGRAM, WARMER MODULE SUBASSEMBLY

TABLE 6.11 WARMER MODULE SUBASSEMBLY, PARTS LIST

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		WARMER MODULE SUBASSEMBLY	78 260 70*
1		Frame, Mtg, Warmer	78 260 01*
2		Bracket, Lamp Mtg.	78 260 25
3		Window, Glass, Square	78 260 36
4	S1	Switch, PB, 3PST, 16A, 250V	17 682 58
5	J11, J12	Conn, Rcpt, Fem, 3 Cont. Rtry.	17 732 29
6	DS1	Lamp, Incand, 12V, 50W	17 807 41
7		Grommet, .79 I.D., .88 Mtg, Hole, Plastic	78 260 11
8		Filter, Line, 115/250 VAC	17 585 38
9		Clip, Push–In, .35 Dia., Plastic	78 260 30
10		Connector Assy (Exam Light)	78 258 70
11		Wiring Harness Assy.	78 259 70
12		Clip, Wire Bundle	17 AZ 323
13		Screw, 6–32 x 5/16, TR, PH, SS Nylok	99 023 03
14		Screw, 4–40 x 1/4, TR, PH, SS	99 010 56
15		Nut, Hex, 4–40 KEPS, S, CA	99 103 33
16		Screw, 8–32 x 3/8, TR, PH, SS	78 031 38
17		Washer, LK, SP, #8, SS	99 122 95
18**		Label, Switch Panel, English	78 265 35
		Label, Switch Panel, Spanish	78 265 36
		Label, Switch Panel, French	78 265 37
		Label, Switch Panel, German	78 265 38
19**		Label, Lamp Replacement, English	78 265 50
		Label, Lamp Replacement, Spanish	78 265 51
		Label, Lamp Replacement, French	78 265 52
		Label, Lamp Replacement, German	78 265 53
20		Connector, Male, 24 Pin	17 BP 661

* Also order appropriate language labels (items 18 and 19).
** Not shown

(Change 9)

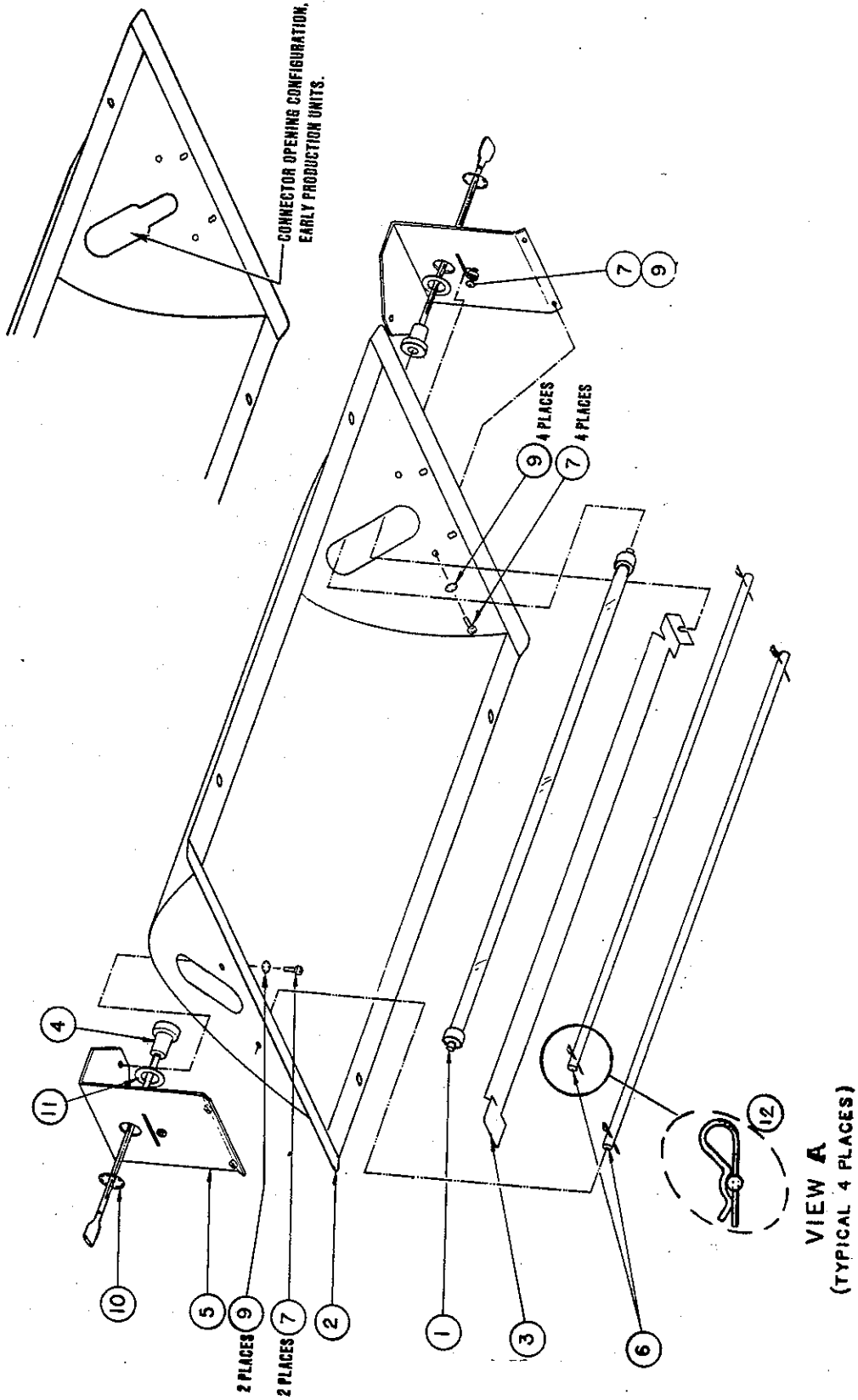

FIGURE 6.12 PARTS LOCATION DIAGRAM, HEATER/REFLECTOR ASSEMBLY

TABLE 6.12 HEATER/REFLECTOR ASSEMBLY, PARTS LIST

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		HEATER/REFLECTOR ASSEMBLY:	
		110/120V	78 263 70
		220/240V	78 263 80
		100V	78 263 90
1	HTR1	Heating Element, 120V	78 263 00
	HTR1	Heating Element, 240V	78 263 01
	HTR1	Heating Element, 100V	78 263 02
2		Reflector, Parabolic	78 263 20
3		Reflector, Curved (Replacement Kit)	78 930 81
4		Heater Connector Assy. Retro Kit	78 931 82
5*		Bracket, Support, Heater	78 263 35
6		Rod, Guard, Heater (Replacement Kit)	78 930 82
7		Screw, #6–32 x 1/4 LG TR PH SS	99 022 72
8		Not Used	
9		Wshr, #6, L, SI SS Flat	99 122 03
10*		Ring, Rtng, Ext. .525 Dia, Push–On SS	99 182 98
11*		Wshr, FL .578 I.D. x 1.06 OD x .06 THK	99 128 57
12		Cotter, Intl., Hair Pin (Part of Item 6)	99 140 97

* Included with Item 4.

(Change 10)

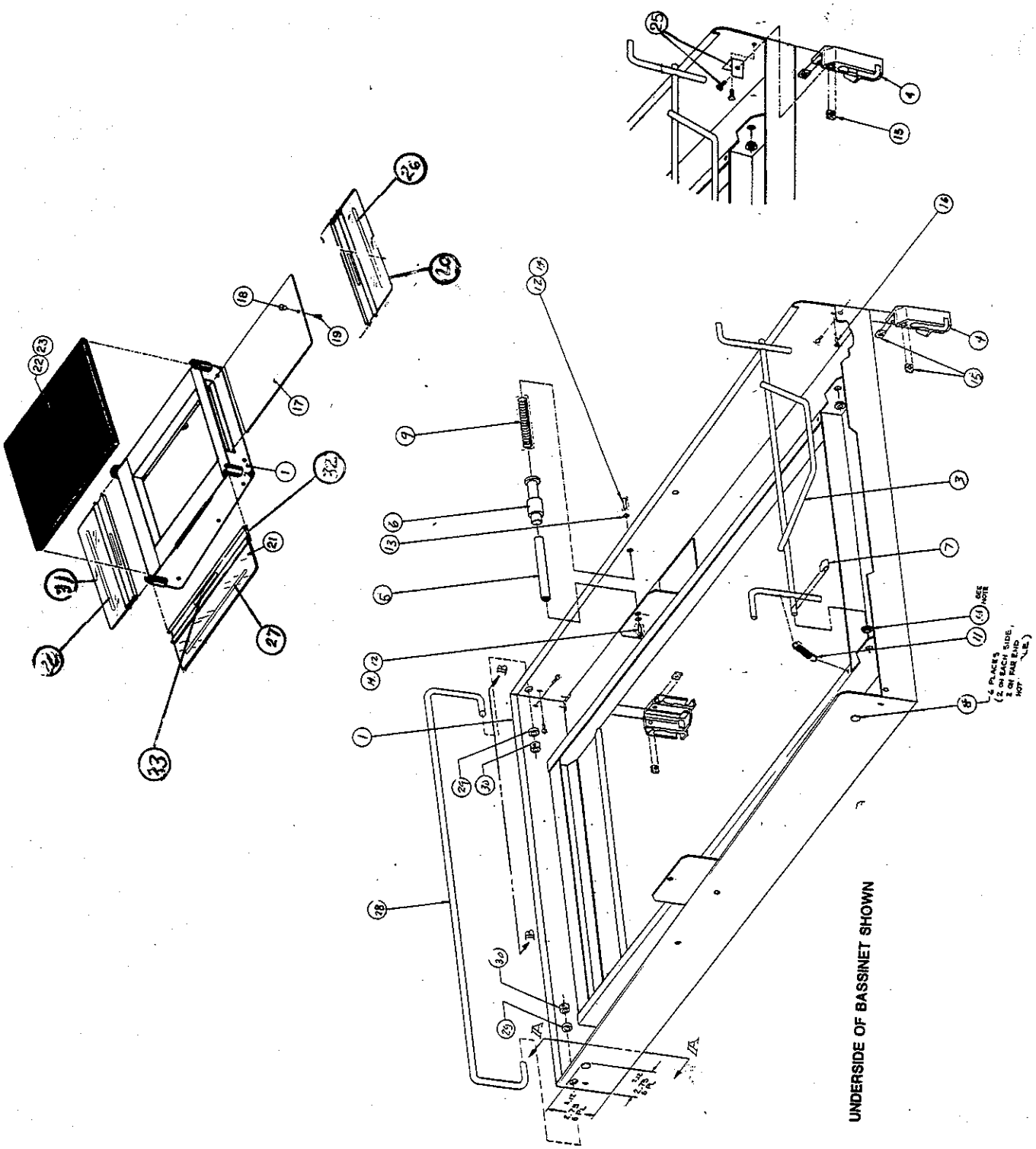

FIGURE 6.13 PARTS LOCATION DIAGRAM, BASSINET ASSEMBLY
(Change 10)

TABLE 6.13 BASSINET ASSEMBLY, PARTS LIST

(Sheet 1 of 2)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		BASSINET ASSEMBLY w/Handle	78 164 70 or 78 164 70CC
–		BASSINET ASSEMBLY w/Handle, IICS Spn	78 164 71 or 78 164 71CC
–		BASSINET ASSEMBLY w/Handle, IICS Frn	78 164 72 or 78 164 72CC
–		BASSINET ASSEMBLY w/Handle, IICS Ger	78 164 73 or 78 164 73CC
–		BASSINET ASSEMBLY w/o/Handle, WMIICS	78 164 75 or 78 164 75CC
–		BASSINET ASSEMBLY w/Handle	78 164 76
		(Includes Items 2 through 16)	
1		Bassinet Subassembly, IICS Eng	78 162 80 or 78 162 80CC
		Bassinet Subassembly, IICS Spn	78 162 79 or 78 162 79CC
		Bassinet Subassembly, IICS Frn	78 162 78 or 78 162 78CC
		Bassinet Subassembly, IICS Ger	78 162 77 or 78 162 77CC
2		Support, Mattress	78 162 05
3		Elevator, Bassinet	78 162 10
4		Bracket, Corner, Panel Mtg.	78 162 20
5		Rod, Pivot, Shouldered	78 162 55
6		Bushing, Pivot/Release	78 162 60
7		Clip, Spring	78 162 65
8		Bumper	78 102 65
9		Spring, Compression	78 142 40
10		Bearing, Split, 5/16 ID, Plastic	78 155 66
11		Spring, Extension	78 162 61
12		Screw, 8–32 x 3/8, TR, PH, SS	99 031 38
13		Washer, Lock, Int., #8, SS	99 122 92
14		Not Used	
15		Nut, 6–32, SQ, S, Z1	99 105 05
16		Screw, 6–32 x 5/16, TR, PH, SS Nylock	99 023 03
17		Bassinet Shelf Panel Assy, X–Ray,	78 162 85
		(Includes items 18 and 19)	
18		Knob, Plastic, Black	78 155 43
19		Screw, 1/4–20 x 1/2 FL, PH, SS 100°	99 055 89
20		Front Panel Assy Eng.	78 162 92–R or 78 162 92CC–R
		Front Panel Assy Spn.	78 162 93–R or 78 162 93CC–R
		Front Panel Assy Frn	78 162 94–R or 78 162 94CC–R
		Front Panel Assy Ger	78 162 95–R or 78 162 95CC–R
21		Side Panel Assy Eng	78 162 96–R or 78 162 96CC–R
		Side Panel Assy Spn.	78 162 97–R or 78 162 97CC–R
		Side Panel Assy Frn.	78 162 98–R or 78 162 98CC–R
		Side Panel Assy Ger	78 162 99–R or 78 162 99CC–R

(Change 12)

TABLE 6.13 BASSINET ASSEMBLY, PARTS LIST

(Sheet 2 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
22		Mattress with Cover (Does not include item 23)	78 162 18
23		Panel, Mattress	78 162 13
24		Not Used	
25		Rear Corner Bracket Reinforcement Kit, (Not part of Bassinet Assembly 78 162 70)	78 930 70
26		Stripe, End Panel, Marked	78 162 00
27		Stripe, Side Panel, Marked	78 162 01
28		Handle, Bassinet (IICS)	78 162 52
29		Grommet 0.62 O.D. x .251 I.D. (IICS)	00 139 00
30		Shaft Coiler	78 162 53
31		Rear Panel Assy Eng.	78 162 86–R or 78 162 86CC–R
		Rear Panel Assy Spn.	78 162 87–R or 78 162 87CC–R
		Rear Panel Assy Frn.	78 162 88–R or 78 162 88CC–R
		Rear Panel Assy Ger	78 162 89–R or 78 162 89CC–R
32		Plns	99 146 33
33		Red Label	78 162 56

(Change 12)

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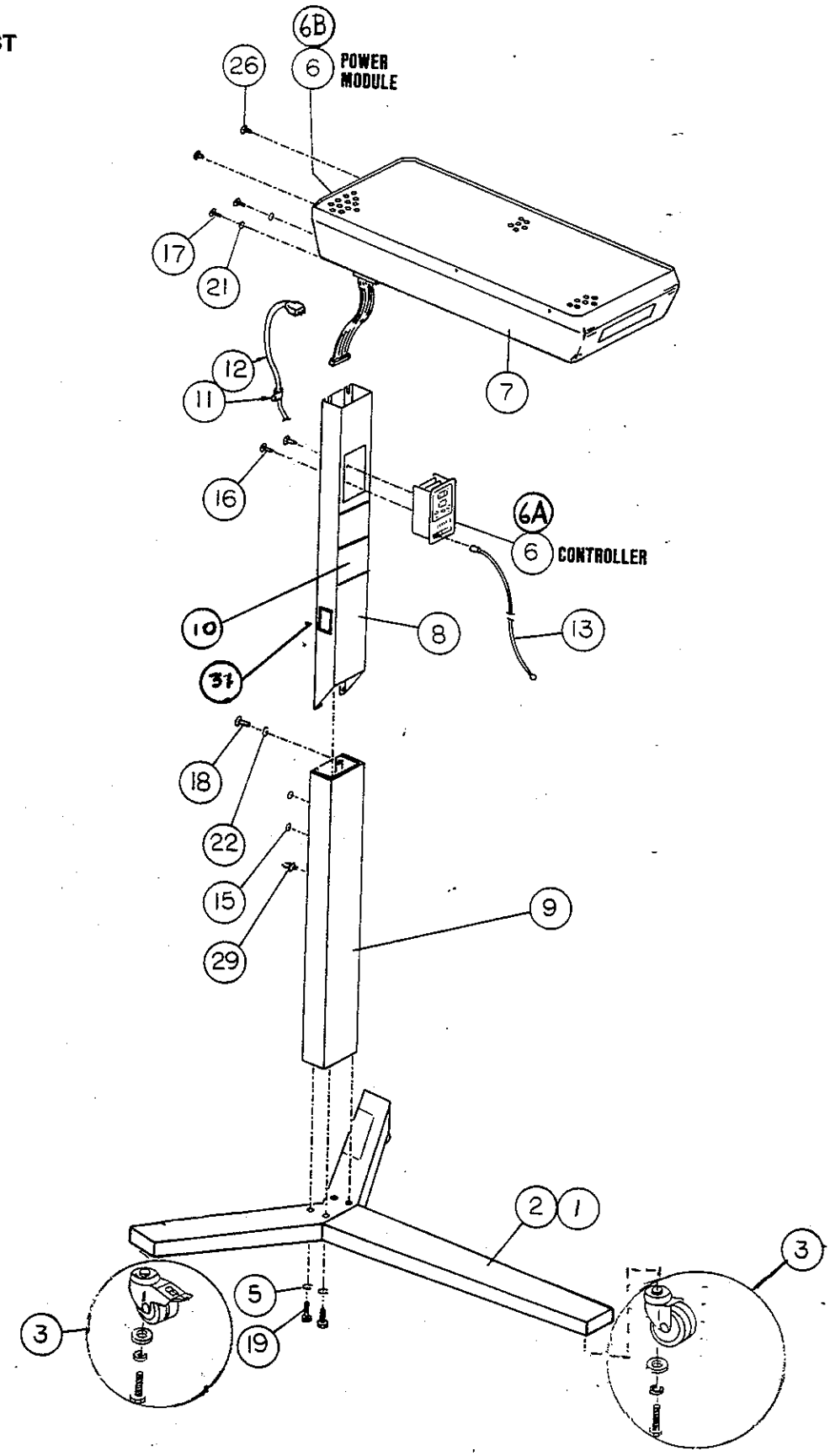

FIGURE 6.14 PARTS LOCATION DIAGRAM, FREE STANDING INFANT WARMER

(Change 11)

TABLE 6.14 FREE STANDING INFANT WARMER, PARTS LIST

(Sheet 1 of 3)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		FREE STANDING INFANT WARMER:	
		English Labeling, 110/120V	78 270 70 or 78 270 70CC
		Spanish Labeling, 110/120V	78 270 71 or 78 270 71CC
		French Labeling, 110/120V	78 270 72 or 78 270 72CC
		English Labeling, 220/240V	78 270 80 or 78 270 80CC
		Spanish Labeling, 220/240V	78 270 81 or 78 270 81CC
		French Labeling, 220/240V	78 270 82 or 78 270 82CC
		German Labeling, 220/240V	78 270 83 or 78 270 83CC
		English Labeling, 100V	78 270 90 or 78 270 90CC
1		Base Assembly, Infant Warmer, (Includes items 2 through 5)	78 270 98 or 78 270 98CC
2		Base, Modified	78 285 10
3		Caster with Brake	78 285 27
		Caster without Brake	78 285 28
		Flat Washer	99 125 22
		Screw, 5/16 x 1.00 HX S, CA	99 064 71
		Lockwasher, 5/16"	99 126 32
4		Not Used	
5		Washer, Lock, Split, 5/16, STL, CAD	99 126 32
6*		CONTROLLER/POWER MODULE PACKAGE: (Refer to Tables 6.3 through 6.9)	
		English Labeling, 110/120V	78 308 70
		Spanish Labeling, 110/120V	78 308 71
		French Labeling, 110/120V	78 308 72
		English Labeling, 220/240V	78 308 80
		Spanish Labeling, 220/240V	78 308 81
		French Labeling, 220/240V	78 308 82
		German Labeling, 220/240V	78 308 83
		English Labeling, 100V	78 308 90
6A		CONTROLLER ASSEMBLY: (Refer to Table 6.3 when Controller is used with Series 01 Power Module)	
		English Labeling	78 305 70
		Spanish Labeling	78 305 71
		French Labeling	78 305 72
		German Labeling	78 305 73

* Contains Series 00 Power Module.

(Change 11)

TABLE 6.14 FREE STANDING INFANT WARMER, PARTS LIST

(Sheet 2 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
		(Refer to Table 6.3A)	
		English Labeling	78 305 80CC
		Spanish Labeling	78 305 81CC
		French Labeling	78 305 82CC
		German Labeling	78 305 83CC
6B		POWER MODULE ASSEMBLY (Series 01):	
		(Refer to Tables 6.8 and 6.9A)	
		English Labeling, 110/120V	78 306 70 or 78 306 70CC
		Spanish Labeling, 110/120V	78 306 71 or 78 306 71CC
		French Labeling, 110/120V	78 306 72 or 78 306 72CC
		English Labeling, 220/240V	78 306 80 or 78 306 80CC
		Spanish Labeling, 220/240V	78 306 81 or 78 306 81CC
		French Labeling, 220/240V	78 306 82 or 78 306 82CC
		German Labeling, 220/240V	78 306 83 or 78 306 83CC
		English Labeling, 100V	78 306 90 or 78 306 90CC
7		WARMER MODULE ASSEMBLY:	
		(Refer to Table 6.15)	
		English Labeling, 110/120V	78 270 75 or 78 270 75CC
		Spanish Labeling, 110/120V	78 270 76 or 78 270 76CC
		French Labeling, 110/120V	78 270 77 or 78 270 77CC
		English Labeling, 220/240V	78 270 85 or 78 270 85CC
		Spanish Labeling, 220/240V	78 270 86 or 78 270 86CC
		French Labeling, 220/240V	78 270 87 or 78 270 87CC
		German Labeling, 220/240V	78 270 88 or 78 270 88CC
		English Labeling, 100V	78 270 95 or 78 270 95CC
8		Post, Upper, Infant Warmer	
		English Labeling	78 940 20 or 78 940 20CC
		Spanish Labeling	78 940 21 or 78 940 21CC
		French Labeling	78 940 22 or 78 940 22CC
		German Labeling	78 940 23 or 78 940 23CC
9		Post, Lower, Infant Warmer	78 270 35 or 78 270 35CC
10		Placard, Precautions/Instructions	78 000 45 or 78 000 45CC
11		Clamp, Cable, .31 I.D.	17 732 42
12		Cable Assy. A.C. Power Cord	17 AZ 100
		Cable Assy. A.C. Power Cord, Export	17 AZ 200
13		Probe, Temp, Skin	68 209 70
14		Cover, Probe, Skin Temp (Box of 600)	26 901 81
15		Plug Button, 1/4 Mtg. Hole, Plastic	78 161 00
16		Screw, 6–32 x 3/8, TR, PH, SS	99 023 50
17		Screw, 10–32 x 5/8, TR, PH, SS	99 042 58

(Change 11)

TABLE 6.14 FREE STANDING INFANT WARMER, PARTS LIST

(Sheet 3 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
18		Screw, 1/4–20 x 1/2 PN, PH, SS, Painted Head	99 055 90
19		Screw, 5/16 –18 x 1–3/4, HX, S, Z1	99 065 10
20		Not Used	
21		Washer, #10, LK, INT, SS	99 123 92
22		Washer, LK, SP, 1/4, SS	99 125 53
23		Not Used	
24		Not Used	
25		Not Used	
26		Screw, 10–32 x 5/8", TR, PH, SS	99 042 58
27		Not Used	
28		Not Used	
29		Clip, Retaining, .38 dia., Plastic	78 444 05
30		Label, Temperature Conversion (Not shown. To be installed in location selected by user.)	68 111 35 or 68 111 35CC
31		Label, Mattress Height	
		English	78 278 25 or 78 278 25CC
		Spanish	78 278 26 or 78 278 26CC
		French	78 278 27 or 78 278 27CC
		German	78 278 28 or 78 278 28CC

(Change 11)

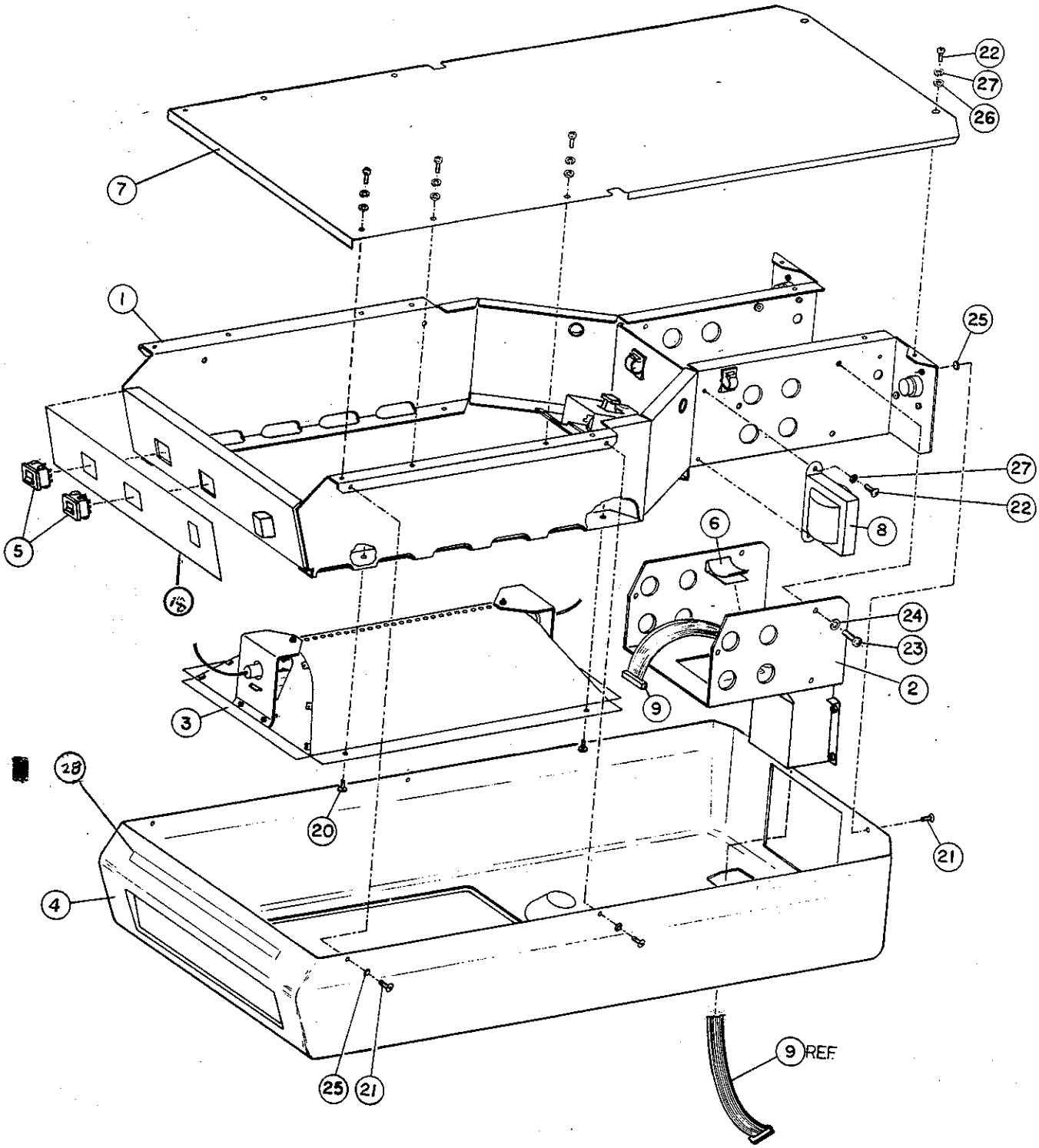

FIGURE 6.15 PARTS LOCATION DIAGRAM, WARMER MODULE ASSEMBLY (FREE STANDING INFANT WARMER)
(Change 10)

TABLE 6.15 WARMER MODULE ASSEMBLY, PARTS LIST (FREE STANDING INFANT WARMER)

(Sheet 1 of 2)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		WARMER MODULE ASSEMBLY:	
		(FREE STANDING INFANT WARMER)	
		English Labeling, 110/120V	78 270 75 or 78 270 75CC
		Spanish Labeling, 110/120V	78 270 76 or 78 270 76CC
		French Labeling, 110/120V	78 270 77 or 78 270 77CC
		English Labeling, 220/240V	78 270 85 or 78 270 85CC
		Spanish Labeling, 220/240V	78 270 86 or 78 270 86CC
		French Labeling, 220/240V	78 270 87 or 78 270 87CC
		German Labeling, 220/240V	78 270 88 or 78 270 88CC
		English Labeling, 100V	78 270 95
1		Warmer Module Subassembly	78 260 70
		(Refer to Table 6.11)	
2		Bracket, Mtg., Warmer Module Repl. Kit	78 931 67
3		Heater/Reflector Assembly:	
		(Refer to Table 6.12)	
		110/120V	78 263 70
		220/240V	78 263 80
		100V	78 263 90
4		Hood, Warmer	
		English Labeling, 110/120V	78 940 08 or 78 940 08CC
		Spanish Labeling, 110/120V	78 940 09 or 78 940 09CC
		French Labeling, 110/120V	78 940 10 or 78 940 10CC
		English Labeling, 220/240V	78 940 11 or 78 940 11CC
		Spanish Labeling, 220/240V	78 940 12 or 78 940 12CC
		French Labeling, 220/240V	78 940 13 or 78 940 13CC
		German Labeling, 220/240V	78 940 14 or 78 940 14CC
		English Labeling, 100V	78 940 15 or 78 940 15CC
5	S2,3	Switch, Rocker, 2PST	17 682 63
6		Clamp, Flat Cable, Plastic	17 062 11
7		Screen, Top, Warmer	78 265 20
8	T2	Transformer Assembly, 110/120V	78 265 95
	T2	Transformer Assembly, 220/240V	78 265 96
	T2	Transformer Assembly, 100V	78 265 97

(Change 10)

TABLE 6.15 WARMER MODULE ASSEMBLY, PARTS LIST (FREE STANDING INFANT WARMER)

(Sheet 2 of 2)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
9		Interconnect Cable Assy.	67 100 18
10		Not Used	
11		Not Used	
12		Not Used	
13		Not Used	
14		Not Used	
15		Not Used	
16		Not Used	
17		Not Used	
18		Switch Panel Label, Eng	78 265 35 or 78 265 35CC
		Spn	78 265 36 or 78 265 36CC
		Frn	78 265 37 or 78 265 37CC
		Ger	78 265 38 or 78 265 38CC
19		Not Used	
20		Screw, 6-32 x 5/16, TR, PH, SS Nylock	99 023 03
21		Screw, 6-32 x 3/8, OV, PH, SS Nylock	99 023 45
22		Screw, 8-32 x 3/8, TR, PH, SS	99 031 38
23		Screw, 1/4-20 x 3/8, RD, PH, SS	99 055 03
24		Washer, LK, SP, 1/4, SS	99 125 53
25		Washer, Finishing, #6 Nylon	99 122 44
26		Washer, Flat, 0.175 ID, 0.047 OD, 0.035 THK, SS	99 122 66
27		Washer, LK, SP, #8, SS	99 122 95
28		Label, Prod Ident, Inf Warmer	78 270 20 or 78 270 20 CC

(Change 13)

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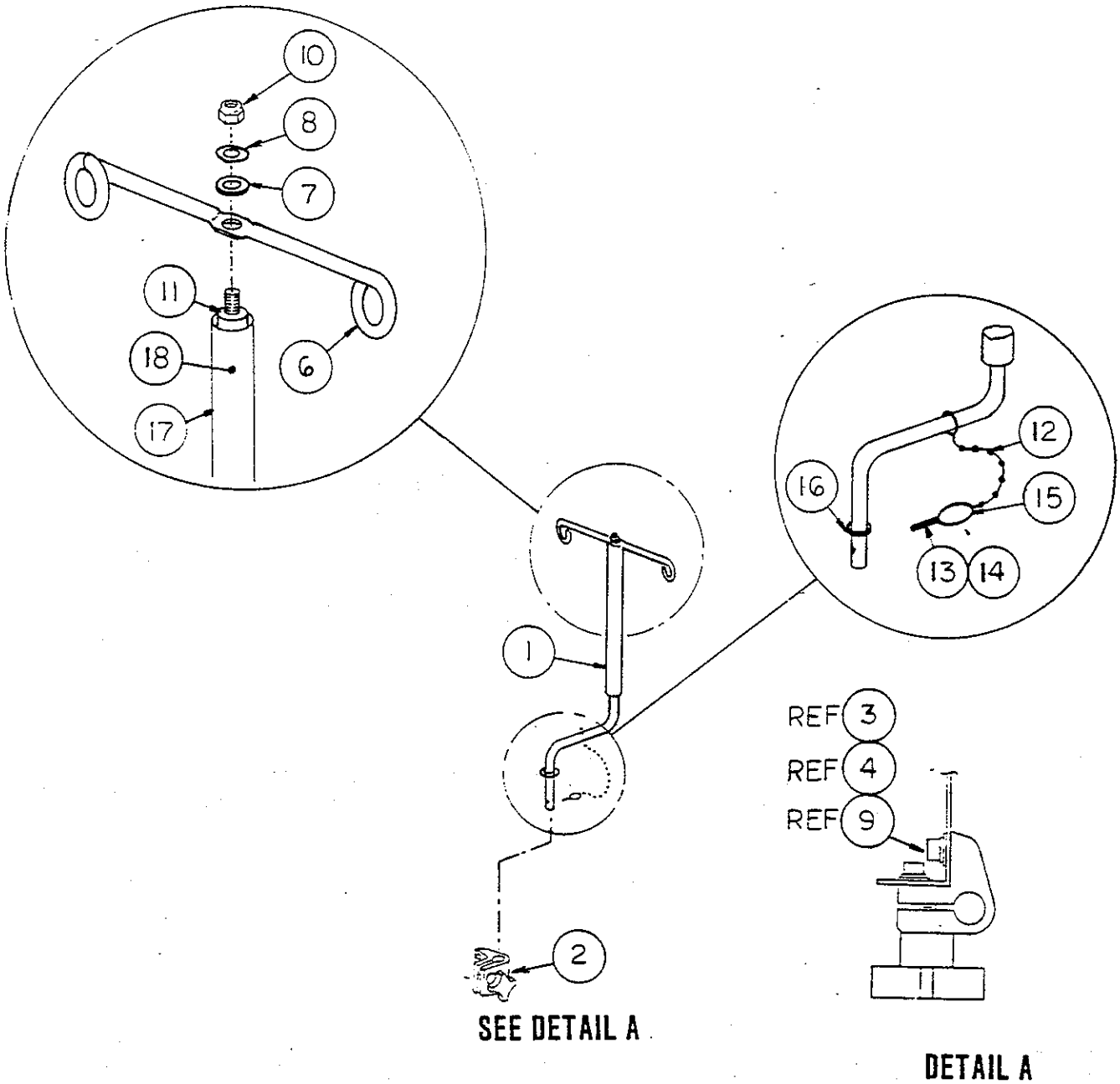


FIGURE 6.16 PARTS LOCATION DIAGRAM, I.V. POLE PACKAGE

TABLE 6.16 I.V. POLE PACKAGE, PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		I.V. POLE PACKAGE	78 166 71
		I.V. POLE PACKAGE (Includes Pivot Bracket)	78 166 72
1		I.V. Pole Assembly	78 166 76
2*		Kit, Pivot Bracket Assembly (Locking)	78 930 96
3		Scr, 10–24 x 3/8 LG, CP, SK, SS	99 047 53
4		Washer, #10 LK, SP, S CA	99 124 16
5		Not Used	
6		Cross Arm, I.V.	26 822 00
7		Washer, 1/4 FL, SS	99 125 24
8		Washer, SPR, Curved, .25 I.D. x .50 O.D. x .010	99 125 63
9		Washer, #10 FL SS	99 123 62
10		Nut, 1/4–20, ES, SS	99 109 27
11		I.V. Pole, Offset, Rod	78 166 00
12		Bead Chain, No. 6	26 663 05
13		Coupling, Offset, Bead Chain	26 662 05
14		Spacer, 0.171 I.D. x 1/4 O.D. x 3/8"	99 123 36
15		Ball Detent Pin with Ring	78 166 05
16		Retaining Ring, SS, 5100–50	99 182 65
17		Adapter, 1.00 Diameter (Includes Item 18)	78 930 91
18		Set Scr, 1/4–20 x 1/4 SE SK SS CP	99 054 15

* Includes items 2, 3, 4 and 5

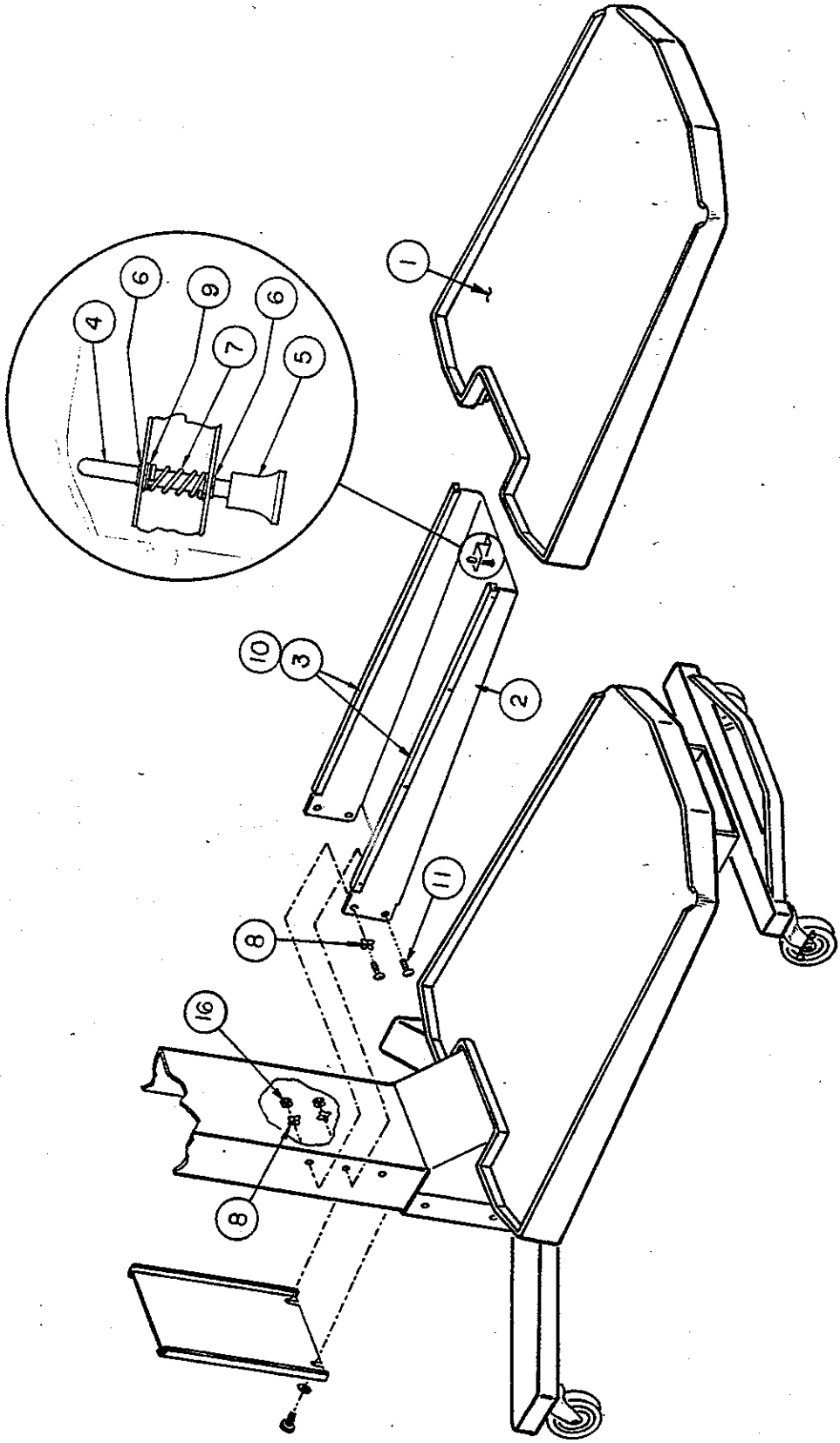


FIGURE 6.17 PARTS LOCATION DIAGRAM, CART SHELF PACKAGE

TABLE 6.17 CART SHELF PACKAGE, PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		CART SHELF PACKAGE	78 155 80 or 78 155 80CC
1		Shelf, Cart, Plastic	78 155 05 or 78 155 05CC
2		Channel, Support, Middle Shelf	78 155 36 or 78 155 36CC
3		Rail, Shelf, Slide Plastic	78 155 46
4		Pin, Latching, Cart Shelf	78 155 40
5		Knob, Plastic, 1/4–20 THD, BLK	78 155 43
6		Bearing, Split, .25 ID	78 155 65
7		Spring, Compression	20 016 03
8		Washer, LK, Dished, 1/4 S Z1	99 125 94
9		Ring, Retaining	99 181 40
10		Rivet, Pop, 1/8 Dia x .357 LG, AL	99 131 66
11		Screw, 1/4–20 x 5/8 TR, PH, SS	99 056 59
12		Not Used	
13		Not Used	
14		Not Used	
15		Not Used	
16		Nut, Hex, SS 1/4–20	99 109 00

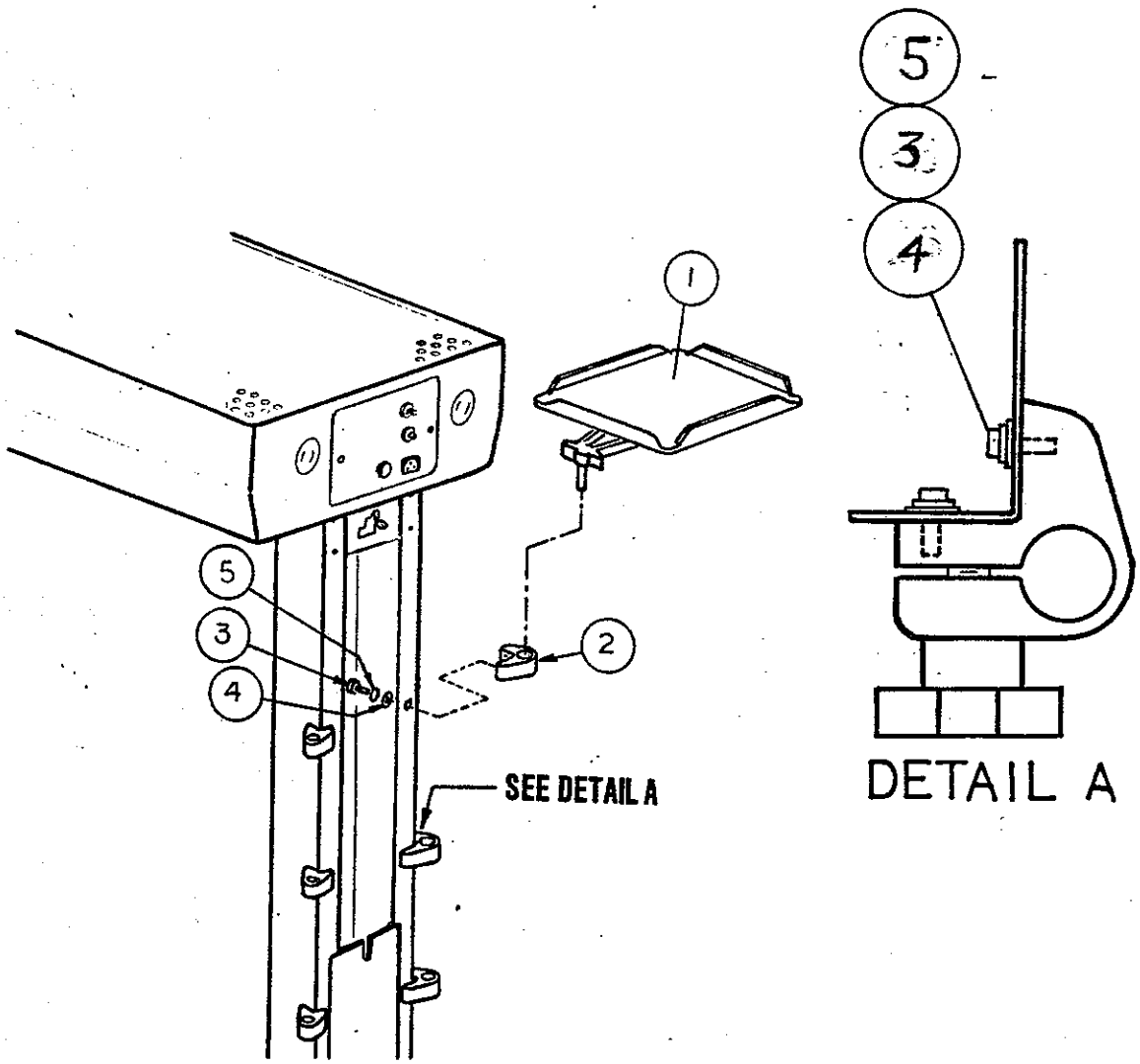


FIGURE 6.18 PARTS LOCATION DIAGRAM, MONITOR SHELF PACKAGE

TABLE 6.18 MONITOR SHELF PACKAGE, PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		MONITOR SHELF PACKAGE	78 165 70 or 78 165 70CC
1		Monitor Shelf Assembly (Refer to Table 6.19)	78 165 80 or 78 165 80CC
2*		Kit, Pivot Bracket Assembly (Locking)	78 930 96
3		Screw, 10–24 x 3/8 CP SK SS	99 047 53
4		Washer, #10 FL SS	99 123 62
5		Washer, #10 LK SP S CA	99 124 16

* Includes items 2, 3, 4 and 5

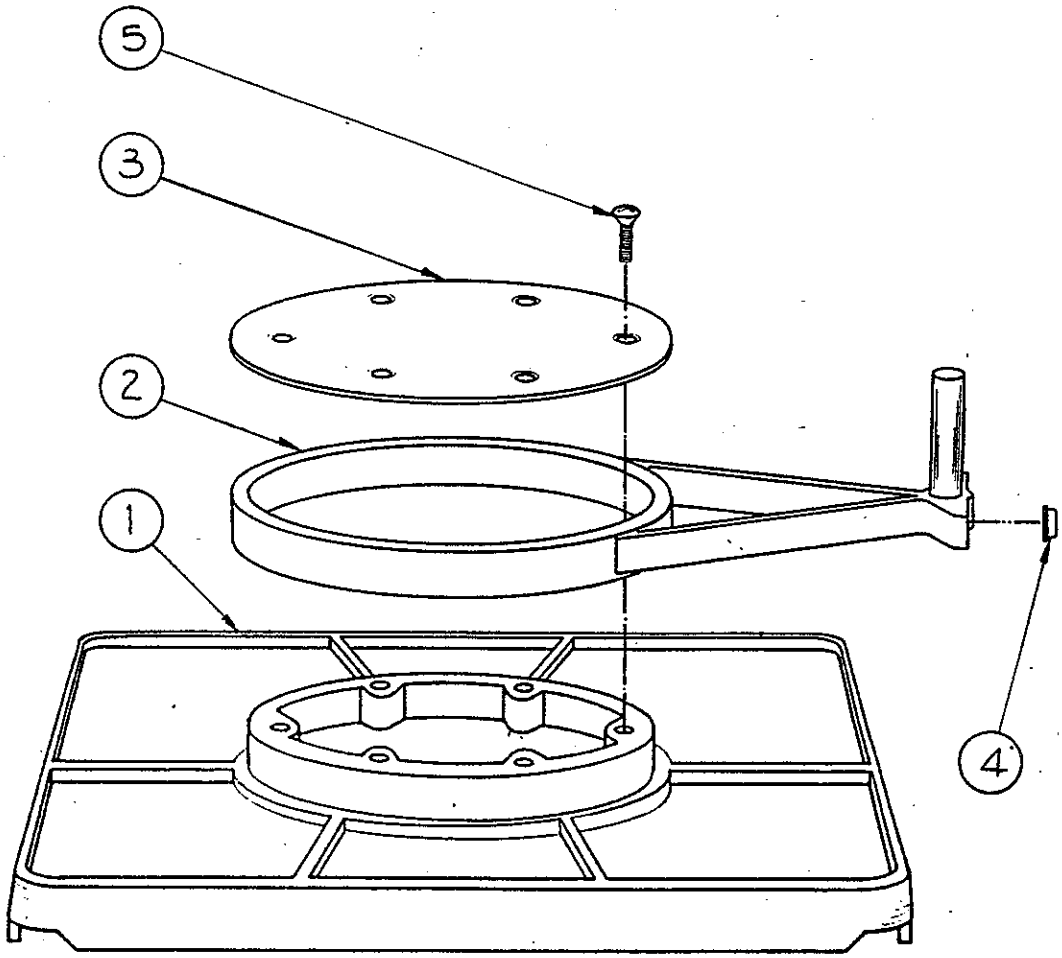


FIGURE 6.19 PARTS LOCATION DIAGRAM, MONITOR SHELF UNIT

TABLE 6.19 MONITOR SHELF UNIT, PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		MONITOR SHELF UNIT	78 165 80 or 78 165 80CC
1		Shelf, Monitor, Plastic	78 155 15 or 78 155 15CC
2		Arm, Shelf, Mounting	78 165 15 or 78 165 16CC
3		Disc, Retaining, Plastic	78 165 21
4		Bumper	78 102 65
5		Screw, #8–32 x 3/8 OV PH SS Nylock	99 031 48

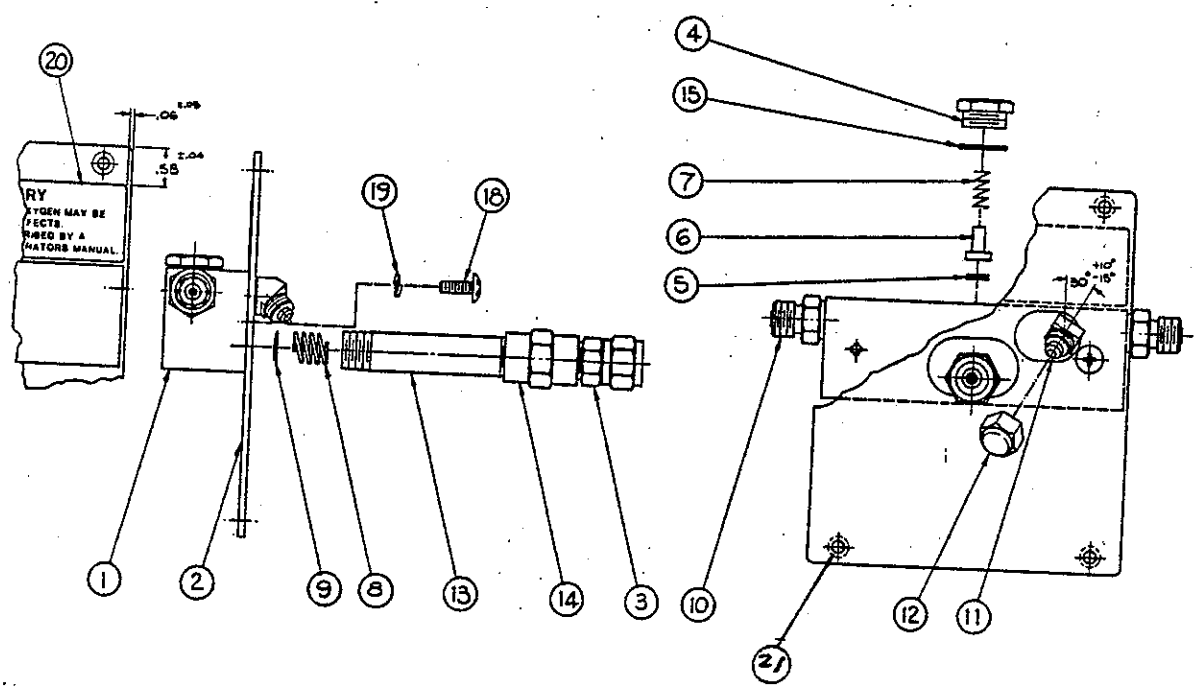


FIGURE 6.20 PARTS LOCATION DIAGRAM, OXYGEN DELIVERY PACKAGE (WALL OXYGEN ONLY)

TABLE 6.20 OXYGEN DELIVERY PACKAGE (WALL OXYGEN ONLY), PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		OXYGEN DELIVERY PACKAGE:	
		English Labeling	78 442 85 or 78 442 85CC
		Spanish Labeling	78 442 86 or 78 442 86CC
		French Labeling	78 442 87 or 78 442 87CC
		German Labeling	78 442 88 or78 442 88CC
1		Manifold, Oxygen Delivery	78 442 00
2		Panel, Manifold Mtg., Oxygen Delivery	78 442 05 or 78 442 05CC
3		Adapter, 1/4 NPT, Male to DISS, Oxygen Fem.	78 411 00
4		Cap, Check Valve	78 422 35
5		Disc, Relief Valve	78 422 45
6		Stem, Check Valve	78 422 50
7		Spring, Cprsn, .26 OD x .018W, .56 LG	78 422 55
8		Spring, CPRSN, .45 OD x .037W, .50 LG	78 423 35
9		Screen, Filter	78 423 40
10		Shut–Off, Diss, Oxygen, Male	78 435 31
11		Elbow, Male, 45°, 1/8 NPT, 1/4 Flare TBG	78 422 15
12		Cap, Nut, 1/4 TBG, 45° Flare	78 422 10
13		Nipple, 1/4 NPT	78 422 20
14		Coupling, Fem to Fem, 1/4 NPT	78 442 25
15		O–Ring, 9/16 x 3/4 x 3/32 VITON	99 161 05
16		Not Used	
17		Not Used	
18		Screw, 10–32 x 1/2 TR, PH SS	99 042 01
19		Washer, Lock, Split, #10 S CA	99 124 16
20		Label, Oxygen Delivery, English	78 442 40
		Label, Oxygen Delivery, Spanish	78 442 41
		Label, Oxygen Delivery, French	78 442 42
		Label, Oxygen Delivery, German	78 442 43
21*		Screw, 8–32 x 3/8", 0V, PH, SS, Nylok	99 031 48
22*		Label, Oxygen Inlet, English	78 442 30
		Label, Oxygen Inlet, Spanish	78 442 31
		Label, Oxygen Inlet, French	78 442 32
		Label, Oxygen Inlet, German	78 442 33

* Not shown

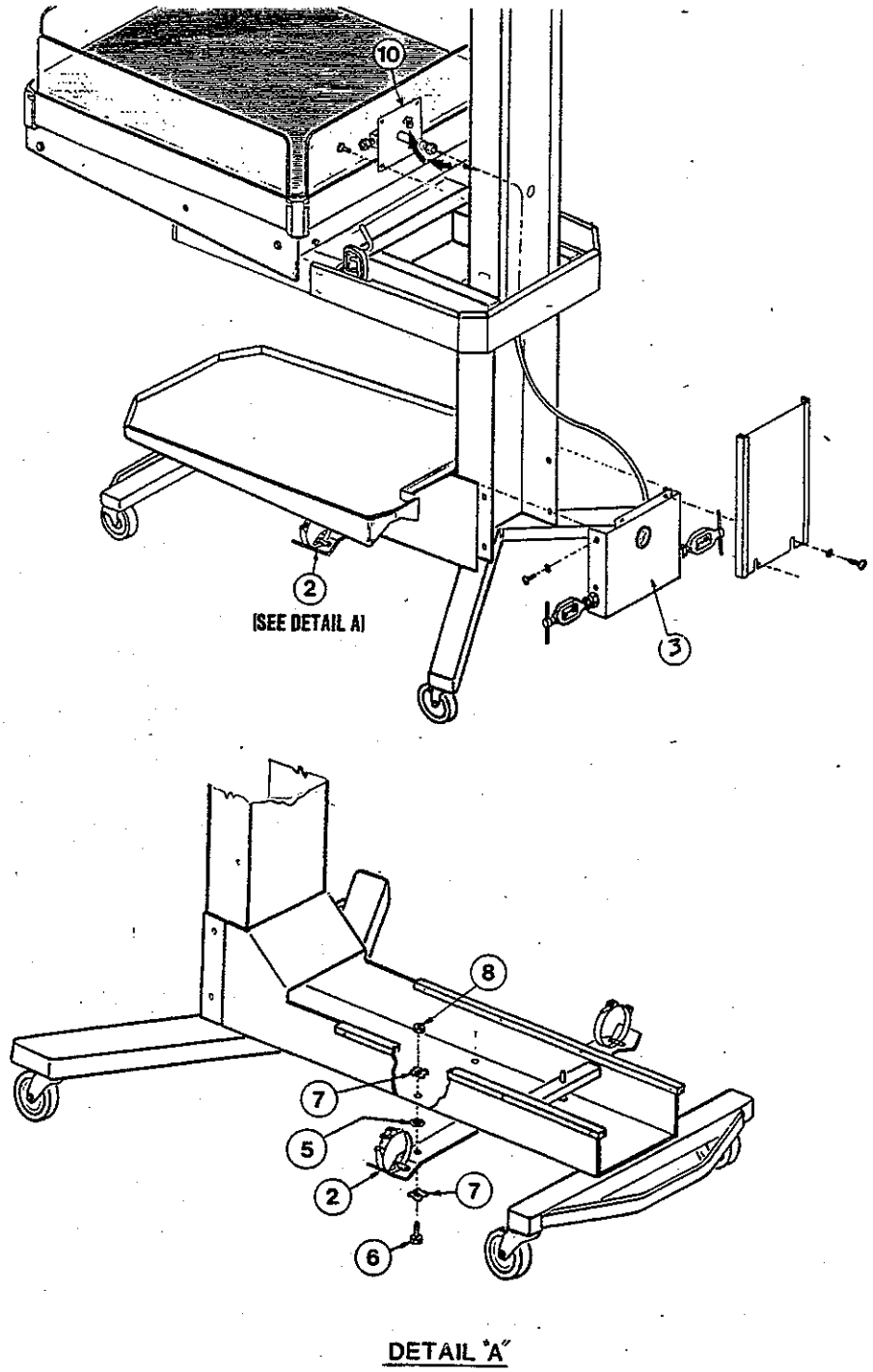


FIGURE 6.21 PARTS LOCATION DIAGRAM, OXYGEN DELIVERY SYSTEM WITH AUXILIARY TANK PROVISION PACKAGE (WALL AND AUXILIARY TANK OXYGEN)
(Change 8)

TABLE 6.21 OXYGEN DELIVERY SYSTEM WITH AUXILIARY TANK PROVISION PACKAGE (WALL AND AUXILIARY TANK OXYGEN), PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		OXYGEN DELIVERY SYSTEM WITH AUXILIARY TANK PROVISION PACKAGE (Includes Items 2 through 10)	
		English Labeling	78 441 70 or 78 441 70CC
		Spanish Labeling	78 441 71 or 78 441 71CC
		French Labeling	78 441 72 or 78 441 72CC
		German Labeling	78 441 73 or 78 441 73CC
–		Auxiliary Oxygen Supply Package (Includes Items 2 through 9)	78 440 70 or 78 440 70CC
2		Tank Bracket Assembly (Refer to Table 6.22)	78 440 75
3		Auxiliary Oxygen Supply/Regulation Assy. (Refer to Table 6.23)	78 440 80 or 78 440 80CC
4		Not Used	
5		Washer, .25 ID x 1.50 OD x .19 THK	78 440 35
6		Screw, 1/4–20 x 3/4 CP HX SS	99 056 96
7		Washer, Lock, Dished Tooth 1/4	99 125 94
8		Nut, Hex, 1/4–20, SS	99 109 00
9		Wrench Chain Assy (Not Shown)	78 410 76
10		Oxygen Delivery Package: (Refer to Table 6.20)	
		English Labeling	78 442 85
		Spanish Labeling	78 442 86
		French Labeling	78 442 87
		German Labeling	78 442 88

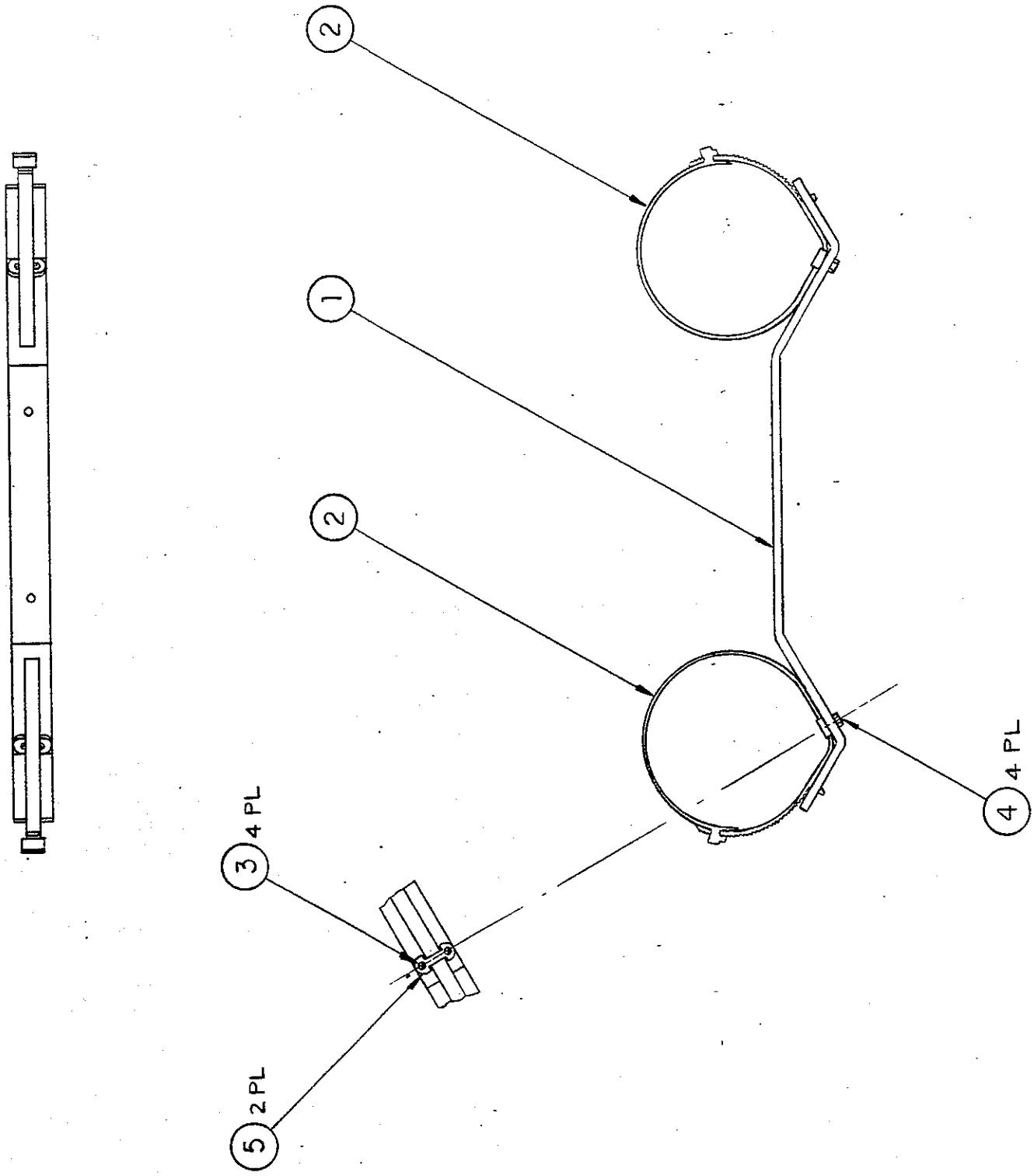


FIGURE 6.22 PARTS LOCATION DIAGRAM, TANK BRACKET ASSEMBLY

TABLE 6.22 TANK BRACKET ASSEMBLY, PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		TANK BRACKET ASSEMBLY	78 440 75
1		Bracket, Tank, Mtg.	78 440 05
2		Clamp, Adjustable, Plastic	78 440 10
3		Screw, 8–32 x 5/8, FL PH SS	99 032 58
4		Nut, 8–32, S, Z1, Flexlock	99 106 03
5		Fastener, Clamp, Plastic	78 440 40

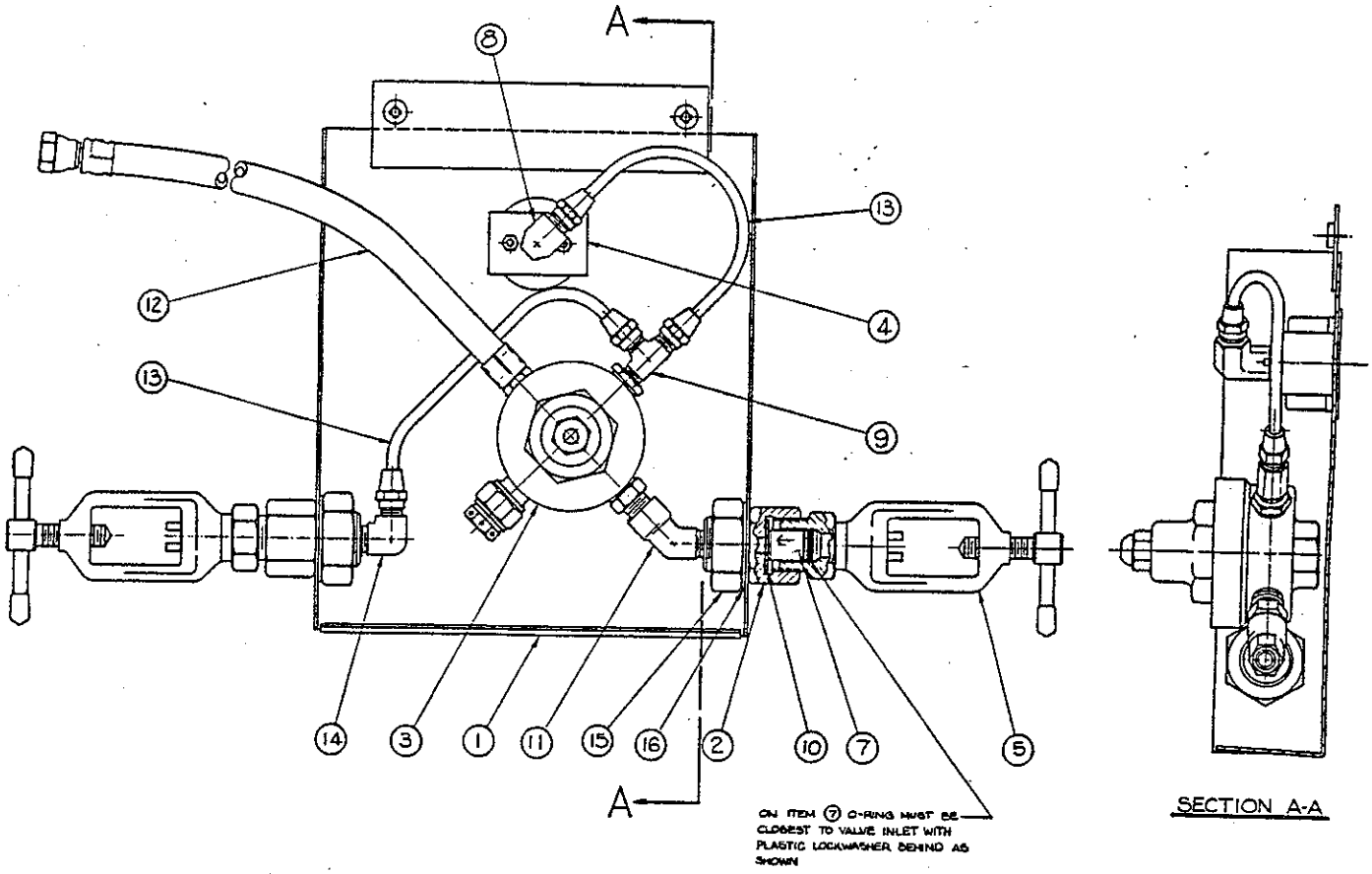


FIGURE 6.23 PARTS LOCATION DIAGRAM, AUXILIARY OXYGEN SUPPLY REGULATION ASSEMBLY
(Change 8)

TABLE 6.23 AUXILIARY OXYGEN SUPPLY REGULATION ASSEMBLY, PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		AUXILIARY OXYGEN SUPPLY REGULATION ASSEMBLY	78 440 80 or 78 440 80CC
1		Channel, Mtg, Oxygen Supply	78 440 00 or 78 440 00CC
2		Adapter, Yoke	78 440 15
3		Regulator, Fixed, O2 Clean	78 440 20
4		Gauge, Oxygen Pressure	78 422 00
5		Yoke, Oxygen, Modified	78 422 07
6		Not Used	
7		Check Valve	78 422 41
8		Elbow, 90°, 3/16 TBG x 1/8 NPT, FEM	78 423 15
9		Tee, Male, 3/16, TBG (FLARE) x 1/8 NPT (M)	78 423 25
10		Washer, Regulator	78 423 30
11		Elbow, Street, 45° 1/8 NPT	78 440 25
12		Hose Assembly	78 440 95
13		Tubing Assembly	78 440 85
14		Elbow, 90°, 3/16 TBG, 1/8 NPT, Male	78 423 10
15		Nut, 7/8–14 HX JM S Z1	99 114 50
16		Wshr, LK, INT, 7/8 S CA	99 129 85

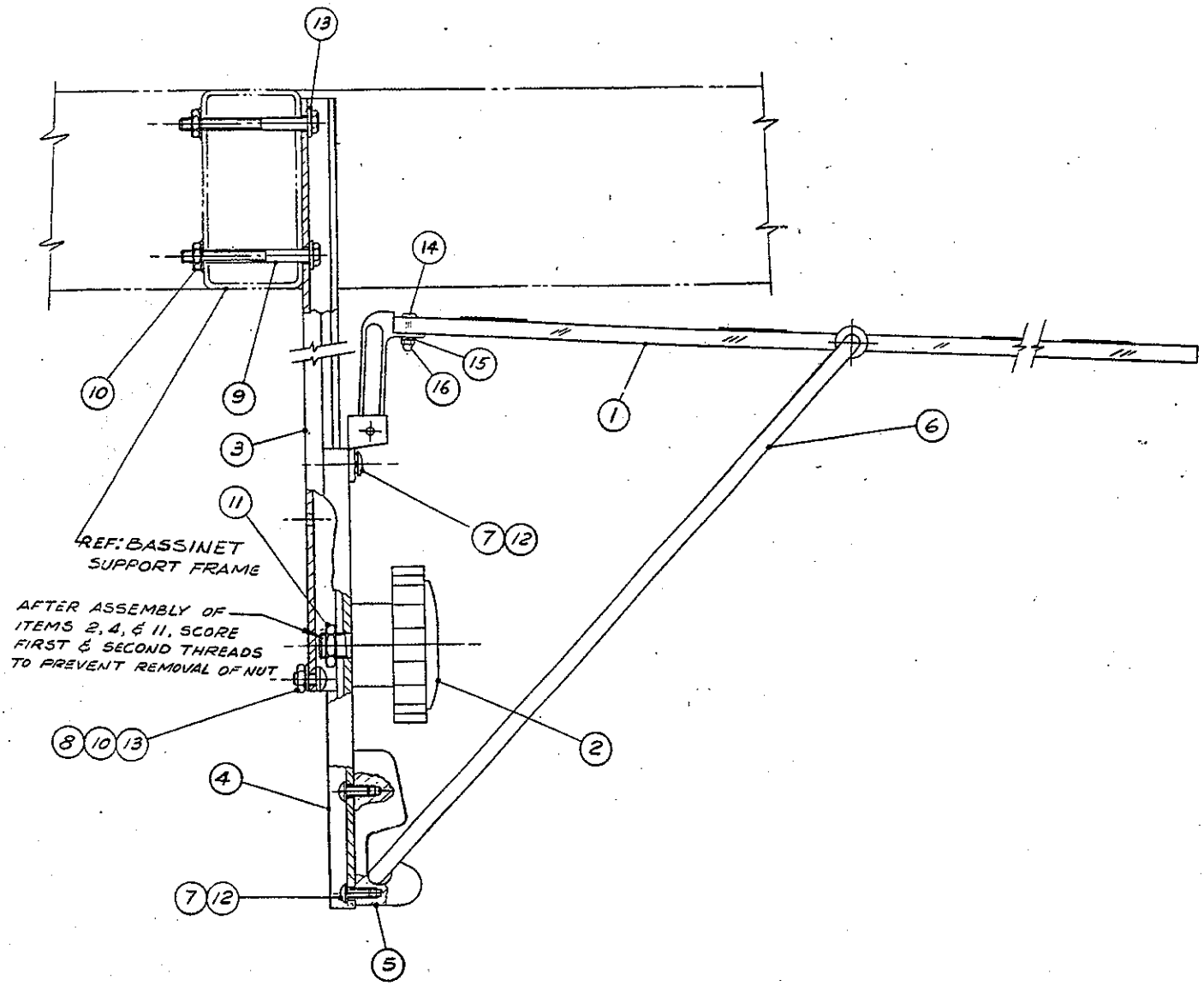


FIGURE 6.24 PARTS LOCATION DIAGRAM, DIRECT MAGNIFICATION RADIOGRAPHY (DMR) CASSETTE HOLDER PACKAGE
(Change 8)

TABLE 6.24 DIRECT MAGNIFICATION RADIOGRAPHY (DMR) CASSETTE HOLDER PACKAGE, PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		DIRECT MAGNIFICATION RADIOGRAPHY (DMR) CASSETTE HOLDER PACKAGE	78 167 70
1		Shelf Assy, X–Ray Cassette (Table 6.25)	78 167 80
2		Knob Assy	78 167 85
3		Rail, Slide, Machining	78 167 05
4		Channel, Slide, Machining	78 167 15
5		Block, Latch, Machining	78 167 20
6		Brace, X–Ray Shelf	78 167 45
7		Screw 8–32 x 1/2 TR PH SS	99 031 99
8		Screw 10–32 x 3/8 FL PH SS	99 041 33
9		Screw 10–32 x 2 HEX SS	99 045 24
10		Nut, 10–32 HEX "KEPS" S CA	99 107 36
11		Nut, 3/8–24 HEX, JAM SS	99 111 68
12		Wshr, #8 LK, SP SS	99 122 95
13		Wshr, #10 FL SS	99 123 62
14		Screw, 6–32 x 1/2 TR PH SS	99 023 92
15		Wshr, No. 6 LK SHI SH	99 122 19
16		Nut, 6–32 AC AL	99 105 20

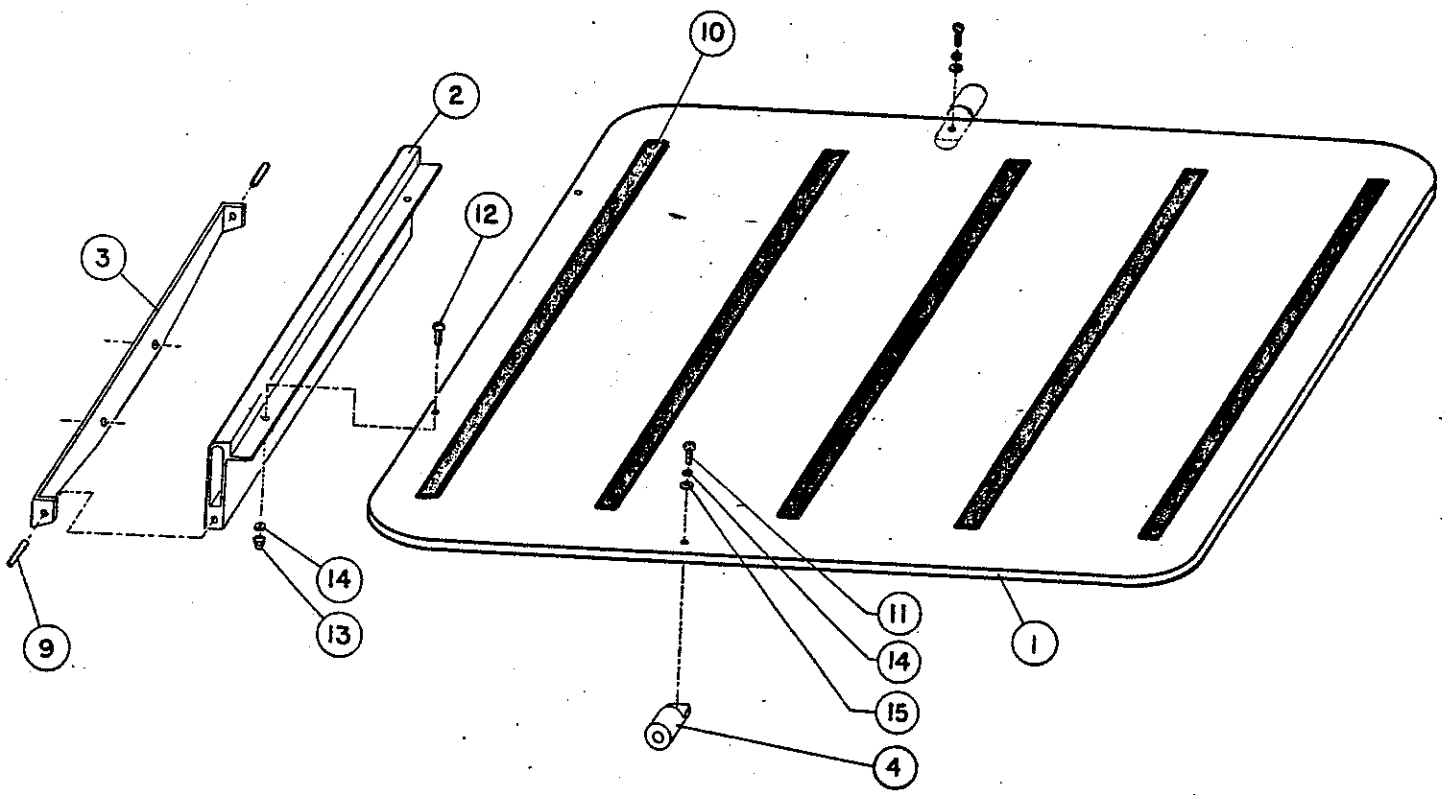


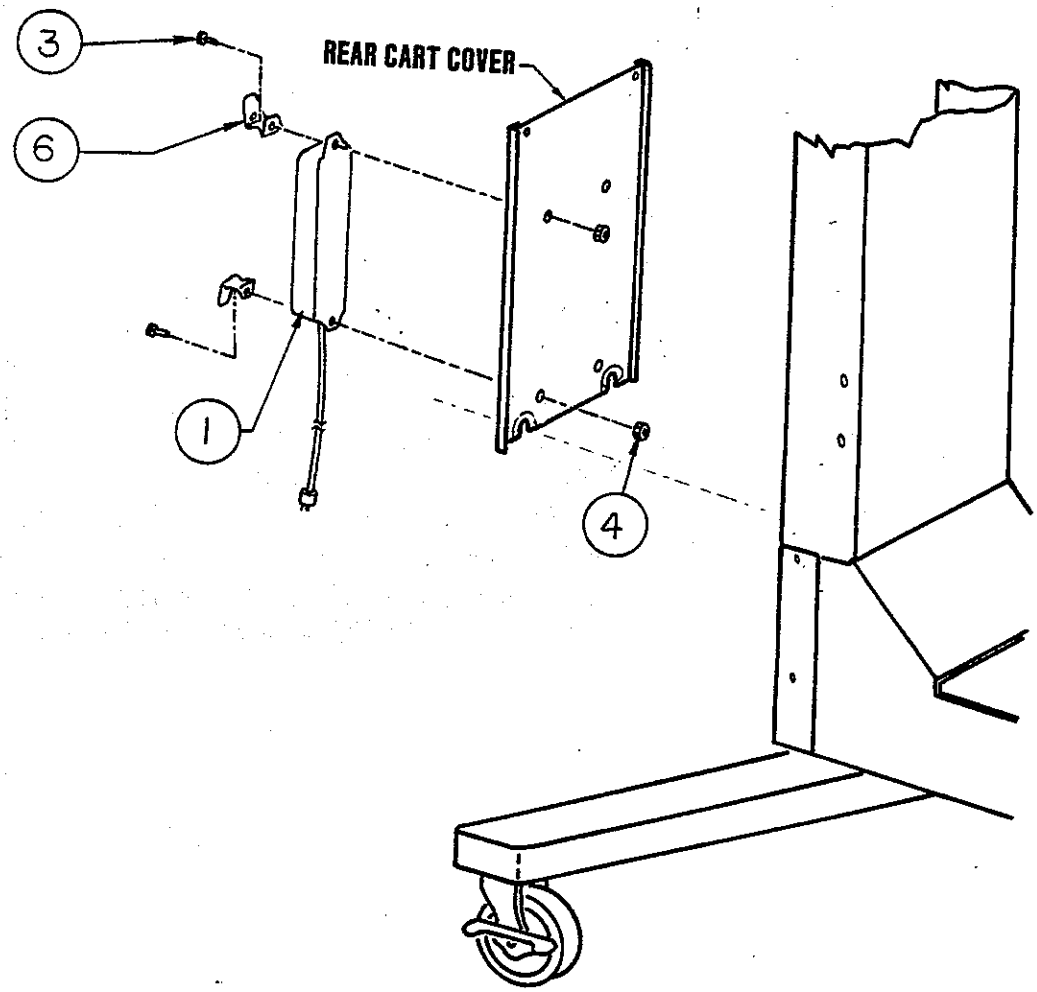
FIGURE 6.25 PARTS LOCATION DIAGRAM, SHELF ASSEMBLY, X–RAY CASSETTE HOLDER

TABLE 6.25 SHELF ASSEMBLY, X–RAY CASSETTE HOLDER, PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		SHELF ASSEMBLY, X–RAY CASSETTE HOLDER	78 167 80
1		Shelf, Acrylic, Clear, X–Ray Cassette	78 167 25
2		Bracket, Shelf, Machining	78 167 30
3		Bracket, Pivot	78 167 35
4		Bar, Pivot	78 167 40
5		Not Used	
6		Not Used	
7		Not Used	
8		Not Used	
9		Pin, .125D x .63 LG Groove, Type 4, St. Zinc PL	99 143 73
10		Foot Grip	53 300 22
11		Screw, 6–32 x 7/16 RD PH SS	99 023 56
12		Screw, 6–32 x 1/2 TR PH SS	99 023 92
13		Nut, 6–32 AC AL	99 105 20
14		Washer, No. 6,, LK, SHI S4	99 122 19
15		Washer, No. 6 FL SS	99 122 03

NOTE: MOUNTS ON THE SIDES OF THE MOUNTING BRACKET OF WALL MOUNTED INFANT INTENSIVE CARE SYSTEM



NOTE: MOUNTS ON THE SIDES OF THE MOUNTING BRACKET
OF WALL MOUNTED INFANT INTENSIVE CARE SYSTEM

FIGURE 6.26 PARTS LOCATION DIAGRAM, A.C. RECEPTACLE BOX ASSEMBLY

TABLE 6.26 A.C. RECEPTACLE BOX ASSEMBLY, PARTS LIST (ACCESSORY)

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		AC RECEPTACLE BOX ASSEMBLY	78 446 70
1		Power Outlet Strip, 6 Recept, Modified	17 732 56
2		Not Used	
3		Screw, 8–32 x 1/2 TR PH SS	99 031 99
4		Nut, Hex, 8–32 Flexlock, Thin, S, Z1	99 106 03
5		Not Used	
6		Bracket, Cord Retaining	78 446 05

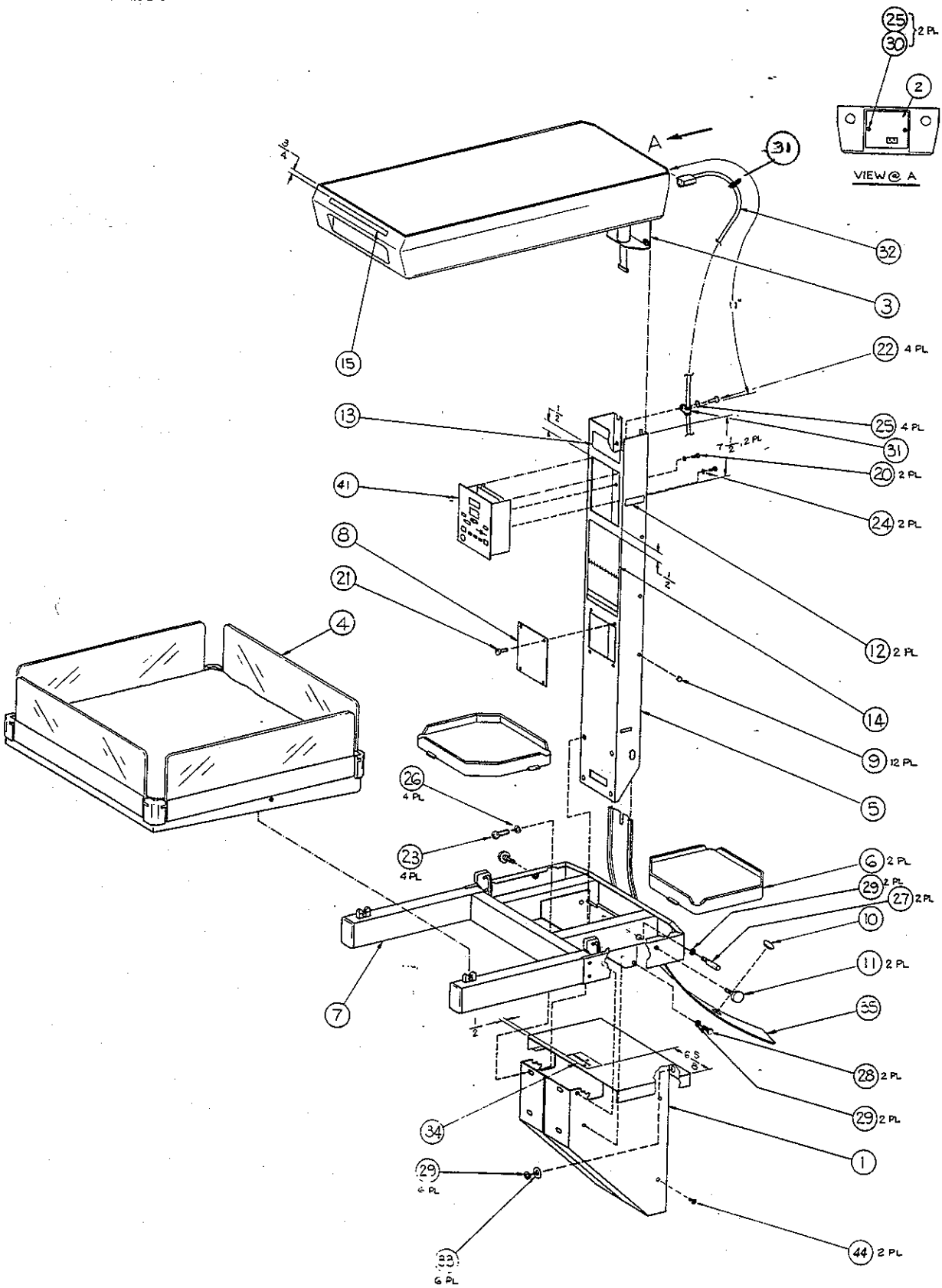


FIGURE 6.27 PARTS LOCATION DIAGRAM, WALL MOUNTED INFANT INTENSIVE CARE SYSTEM
(Change 10)

TABLE 6.27 WALL MOUNTED INFANT INTENSIVE CARE SYSTEM, PARTS LIST

(Sheet 1 of 3)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		WALL MOUNTED INFANT INTENSIVE CARE SYSTEM:	
		English Labeling, 110/120V	78 280 70 or 78 280 70CC
		Spanish Labeling, 110/120V	78 280 71 or 78 280 71CC
		French Labeling, 110/120V	78 280 72 or 78 280 72CC
		English Labeling, 220/240V	78 280 80 or 78 280 80CC
		Spanish Labeling, 220/240V	78 280 81 or 78 280 81CC
		French Labeling, 220/240V	78 280 82 or 78 280 82CC
		German Labeling, 220/240V	78 280 83 or 78 280 83CC
		English Labeling, 100V	78 280 90 or 78 280 90CC
1		Bracket, Wall Mounting	78 280 00 or 78 280 00CC
2		POWER MODULE ASSEMBLY (Series 01)	
		(Refer to Tables 6.8 and 6.9A)	
		English Labeling 110/120V	78 306 70 or 78 306 70CC
		Spanish Labeling 110/120V	78 306 71 or 78 306 71CC
		French Labeling 110/120V	78 306 72 or 78 306 72CC
		English Labeling 220/240V	78 306 80 or 78 306 80CC
		Spanish Labeling 220/240V	78 306 81 or 78 306 81CC
		French Labeling 220/240V	78 306 82 or 78 306 82CC
		German Labeling 220/240V	78 306 83 or 78 306 83CC
		English Labeling 100V	78 306 90 or 78 306 90CC
3		WARMER MODULE ASSEMBLY:	
		(Refer to Table 6.10)	
		English Labeling, 110/120V	78 265 70
		Spanish Labeling, 110/120V	78 265 71
		French Labeling, 110/120V	78 265 72
		English Labeling, 220/240V	78 265 80
		Spanish Labeling, 220/240V	78 265 81
		French Labeling, 220/240V	78 265 82
		German Labeling, 220/240V	78 265 83
		English Labeling, 100V	78 265 90

TABLE 6.27 WALL MOUNTED INFANT INTENSIVE CARE SYSTEM, PARTS LIST

(Sheet 2 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
3		WARMER MODULE ASSEMBLY:	
		(Refer to Table 6.29A)	
		English Labeling, 110/120V	78 267 70CC
		Spanish Labeling, 110/120V	78 267 71CC
		French Labeling, 110/120V	78 267 72CC
		English Labeling, 220/240V	78 267 80CC
		Spanish Labeling, 220/240V	78 267 81CC
		French Labeling, 220/240V	78 267 82CC
		German Labeling, 220/240V	78 267 83CC
		English Labeling, 100V	78 267 90CC
4		BASSINET ASSEMBLY:	78 162 70 or 78 162 70CC
		(Refer to Table 6.13)	
5		Post, Upper	
		English Labeling	78 940 16 or 78 940 16CC
		Spanish Labeling	78 940 17 or 78 940 17CC
		French Labeling	78 940 18 or 78 940 18CC
		German Labeling	78 940 19 or 78 940 19CC
6		Tray, Instrument	78 155 10 or 78 155 10CC
7		SUPPORT FRAME ASSEMBLY, BASSINET:	78 280 98 or 78 280 98CC
		(Refer to Table 6.28)	
8		Plate, Cover, Upper Post	78 161 10
9		Plug Button, 1/4 Mtg. Hole, Plastic	78 161 00
10		Plug, Button, 7/8 Dia Mtg. Hole, Plastic	78 161 20
11		Knob, Knurled, 1/4–20 Thd Shaft	17 061 10
12		Label, Shelf Load Limit, Eng	78 000 10 or 78 000 10CC
13		Label, Caution, Heating Hazard, Eng	78 000 15 or 78 000 15CC
14		Placard, Precautions/Instructions	78 000 45 or 78 000 45CC
15		Not Used	
16		Not Used	
17		Not Used	
18		Probe, Temp, Skin	68 209 70
19		Cover, Probe, Skin Temp (Box of 100), (Not Shown)	26 901 81
20		Screw, 6–32 x 3/8, TR, PH, SS	99 023 31
21		Screw, 8–32 x 5/16, RD, SL, NYL	99 031 07
22		Screw, 10–32 x 5/8, TR, PH, SS	99 042 58
23		Screw, 1/4 – 20 x 1/2, RD, PH, SS	99 055 81
24		Washer, #6, LK, SHI, SS	99 122 19
25		Washer, LK, INT, #10, SS	99 123 92
26		Washer, LK, SP, 1/4, SS	99 125 53

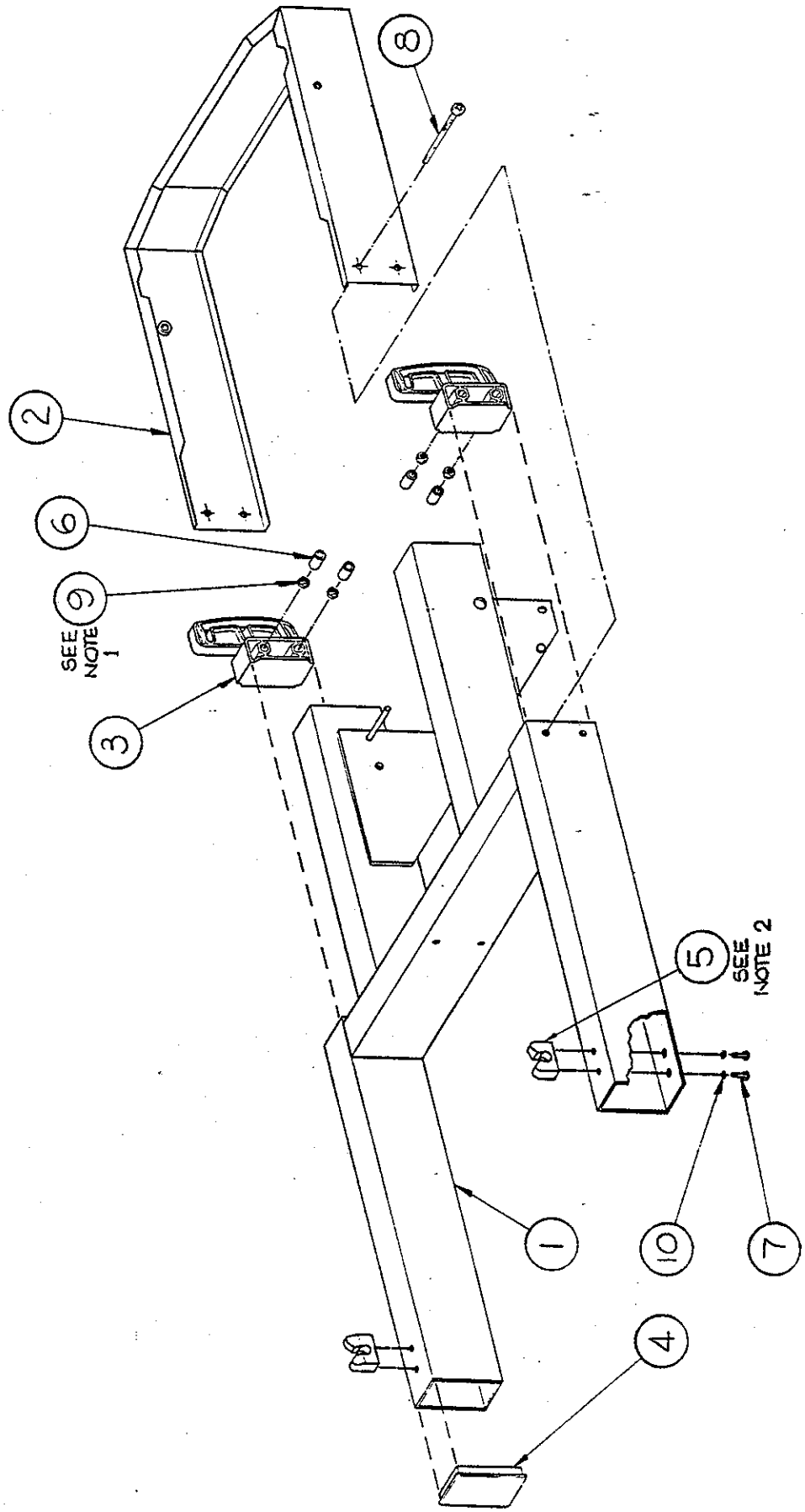
(Change 8)

TABLE 6.27 WALL MOUNTED INFANT INTENSIVE CARE SYSTEM, PARTS LIST

(Sheet 3 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
27		Screw, 5/16 – 18, HEX Shoulder	78 155 38
28		Screw, 5/16 – 18 x 5/8 HEX STL CA	99 064 30
29		Washer, LK, SP, 5/16, S Z1	99 126 32
30		Screw, 10–32 x 1/2, TR, PH, SS	99 042 01
31		Clamp, Cable, .31 I.D.	17 732 42
32		Cable Assembly, AC Power Cord, Domestic	17 AZ 100
		Cable Assembly, AC Power Cord, Export	17 AZ 200
33		Washer, Flat, .344 I.D. x .75 O.D. x .05 THK, SS	99 126 10
34		Not Used	
35		Strip, Trim, Plastic, Upper Post	78 161 16
36		Not Used	
37		Not Used	
38		Not Used	
39		Not Used	
40		Not Used	
41		CONTROLLER ASSEMBLY (Refer to Table 6.3)	
		English Labeling	78 305 70
		Spanish Labeling	78 305 71
		French Labeling	78 305 72
		German Labeling	78 305 73
41		CONTROLLER ASSEMBLY (Refer to Table 6.3A):	
		English Labeling	78 305 80CC
		Spanish Labeling	78 305 81CC
		French Labeling	78 305 82CC
		German Labeling	78 305 83CC
42		Not Used	
43		Label, Temperature Conversion (Not shown. To be installed in a location selected by user.)	68 111 35 or 68 111 35CC
44		Screw, No. 8 x 1/2 F TR PH SS	99 088 91

(Change 8)



NOTES:
1. NUTS ⑨ AND SPACERS ⑥ MUST BE INSERTED INTO TILT BRACKET ③ SO THAT THEY ARE OPPOSITE MATING SCREWS ⑧ ENTERING THRU INSTRUMENT TRAY SUPPORT FRAME ②.
2. BEVELED SIDES OF PIVOT BLOCKS ⑤ MUST FACE EACH OTHER.

FIGURE 6.28 PARTS LOCATION DIAGRAM, BASSINET SUPPORT FRAME ASSEMBLY
(Change 8)

TABLE 6.28 BASSINET SUPPORT FRAME ASSEMBLY, PARTS LIST

(Sheet 1 of 1)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		BASSINET SUPPORT FRAME ASSEMBLY	78 280 98 or 78 280 98CC
1		Frame, Support, Bassinet	78 160 00 or 78 160 00CC
2		Frame, Support, Instrument Tray	78 160 10 or 78 160 10CC
3		Bracket, Tilt, Adjusting	78 160 05
4		Cap, Tubing, Plastic, 1 1/2 x 3	78 610 64
5		Block, Pivot	78 160 20
6		Spacer, Nylon	99 125 65
7		Screw, 8 – 32 x 1 1/2, TR, PH, SS	99 031 99
8		Screw, 10 – 32 x 1 1/4, TR, PH, SS	99 044 06
9		Nut, 10 – 32, HEX, FLEXLOCK, S, Z1	99 107 38
10		Washer, LOCK, SP, #8, SS	99 122 95

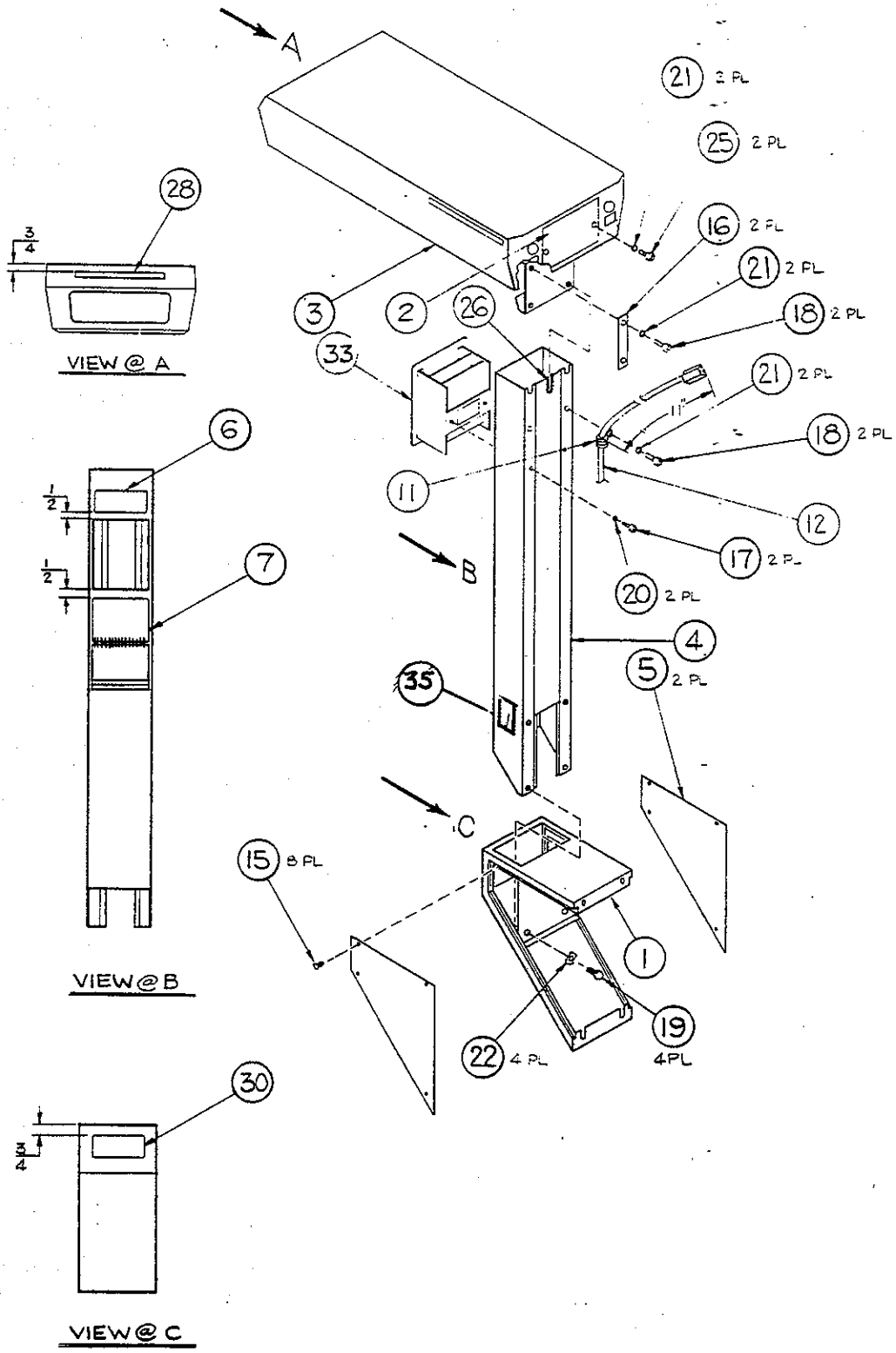


FIGURE 6.29 PARTS LOCATION DIAGRAM, WALL MOUNTED INFANT WARMER

TABLE 6.29 WALL MOUNTED INFANT WARMER, PARTS LIST

(Sheet 1 of 3)

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		WALL MOUNTED INFANT WARMER:	
		English Labeling, 110/120V	78 275 70 or 78 275 70CC
		Spanish Labeling, 110/120V	78 275 71 or 78 275 71CC
		French Labeling, 110/120V	78 275 72 or 78 275 72CC
		English Labeling, 220/240V	78 275 80 or 78 275 80CC
		Spanish Labeling, 220/240V	78 275 81 or 78 275 81CC
		French Labeling, 220/240V	78 275 82 or 78 275 82CC
		German Labeling, 220/240V	78 275 83 or 78 275 83CC
		English Labeling, 100V	78 275 90 or 78 275 90CC
1		Bracket Wall Mounting	78 275 00 or 78 275 00CC
2		POWER MODULE ASSEMBLY (SERIES 01)	
		(Refer to Tables 6.8 and 6.9A)	
		English Labeling 110/120V	78 306 70 or 78 306 70CC
		Spanish Labeling 110/120V	78 306 71 or 78 306 71CC
		French Labeling 110/120V	78 306 72 or 78 306 72CC
		English Labeling 220/240V	78 306 80 or 78 306 80CC
		Spanish Labeling 220/240V	78 306 81 or 78 306 81CC
		French Labeling 220/240V	78 306 82 or 78 306 82CC
		German Labeling 220/240V	78 306 83 or 78 306 83CC
		English Labeling 100V	78 306 90 or 78 306 90CC
3		WARMER MODULE ASSEMBLY:	
		(Refer to Table 6.10)	
		English Labeling, 110/120V	78 265 70
		Spanish Labeling, 110/120V	78 265 71
		French Labeling, 110/120V	78 265 72
		English Labeling, 220/240V	78 265 80
		Spanish Labeling, 220/240V	78 265 81
		French Labeling, 220/240V	78 265 82
		German Labeling, 220/240V	78 265 83
		English Labeling, 100V	78 265 90

TABLE 6.29 WALL MOUNTED INFANT WARMER, PARTS LIST

(Sheet 2 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
3		WARMER MODULE ASSEMBLY:	
		(Refer to Table 6.29A)	
		English Labeling, 110/120V	78 267 70CC
		Spanish Labeling, 110/120V	78 267 71CC
		French Labeling, 110/120V	78 267 72CC
		English Labeling, 220/240V	78 267 80CC
		Spanish Labeling, 220/240V	78 267 81CC
		French Labeling, 220/240V	78 267 82CC
		German Labeling, 220/240V	78 267 83CC
		English Labeling, 100V	78 267 90CC
4		POST, WARMER MOUNTING:	
		English Labeling	78 940 24 or 78 940 24CC
		Spanish Labeling	78 940 25 or 78 940 25CC
		French Labeling	78 940 26 or 78 940 26CC
		German Labeling	78 940 27 or 78 940 27CC
5		Panel, Finishing, Wall Mount	78 275 05 or 78 275 05CC
6		Not Used	
7		Placard, Precautions/Instructions	78 000 45
8		Not Used	
9		Not Used	
10		Not Used	
11		Clamp, Cable, .31 I.D.	17 732 42
12		Cable Assembly, AC Power Cord, Domestic	17 AZ 100
		Cable Assembly, AC Power Cord, Export	17 AZ 200
13		Probe, Temp, Skin	68 209 70
14		Cover, Probe, Skin Temp (Box of 100)	26 901 81
		(Not Shown)	
15		Plug, Panel Fastening	78 275 10
16		Strip, Aluminum, .75 x 3.56 x .08 THK	78 275 15
17		Screw, 6 – 32 x 3/8, TR, PH, SS	99 023 31
18		Screw, 6–32 x 5/8 TR PH SS	99 042 58
19		Screw, 1/4 – 20 x 1/2, HEX, CP, ss	99 055 75
20		Washer, #6, LK, SHI, SS	99 122 19
21		Washer, LK, INT, #10, SS	99 123 92
22		Washer, LK, Dished Tooth, 1/4	99 125 94
23		Washer, FL, .344 I.D. x .75 O.D. x .050 THK, SS	99 126 10

(Change 13)

TABLE 6.29 WALL MOUNTED INFANT WARMER, PARTS LIST

(Sheet 3 of 3)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
24		Not Used	
25		Screw, 10 – 32 x 5/8, TR, PH, SS	99 042 58
26		Grommet, Continuous, 1/8 wide x .036 PNL x 2.38 LG	78 275 20
27		Not Used	
28		Not Used	
29		Not Used	
30		Not Used	
31		Not Used	
32		Not Used	
33		CONTROLLER ASSEMBLY (Refer to Table 6.3)	
		English Labeling	78 305 70
		Spanish Labeling	78 305 71
		French Labeling	78 305 72
		German Labeling	78 305 73
33		CONTROLLER ASSEMBLY (Refer to Table 6.3A):	
		English Labeling	78 305 80CC
		Spanish Labeling	78 305 81CC
		French Labeling	78 305 82CC
		German Labeling	78 305 83CC
34		Label, Temperature Conversion (Not shown. To be installed in a location selected by user.)	68 111 35 or 68 111 35CC
35		Label Mattress Height	78 270 35

(Change 13)

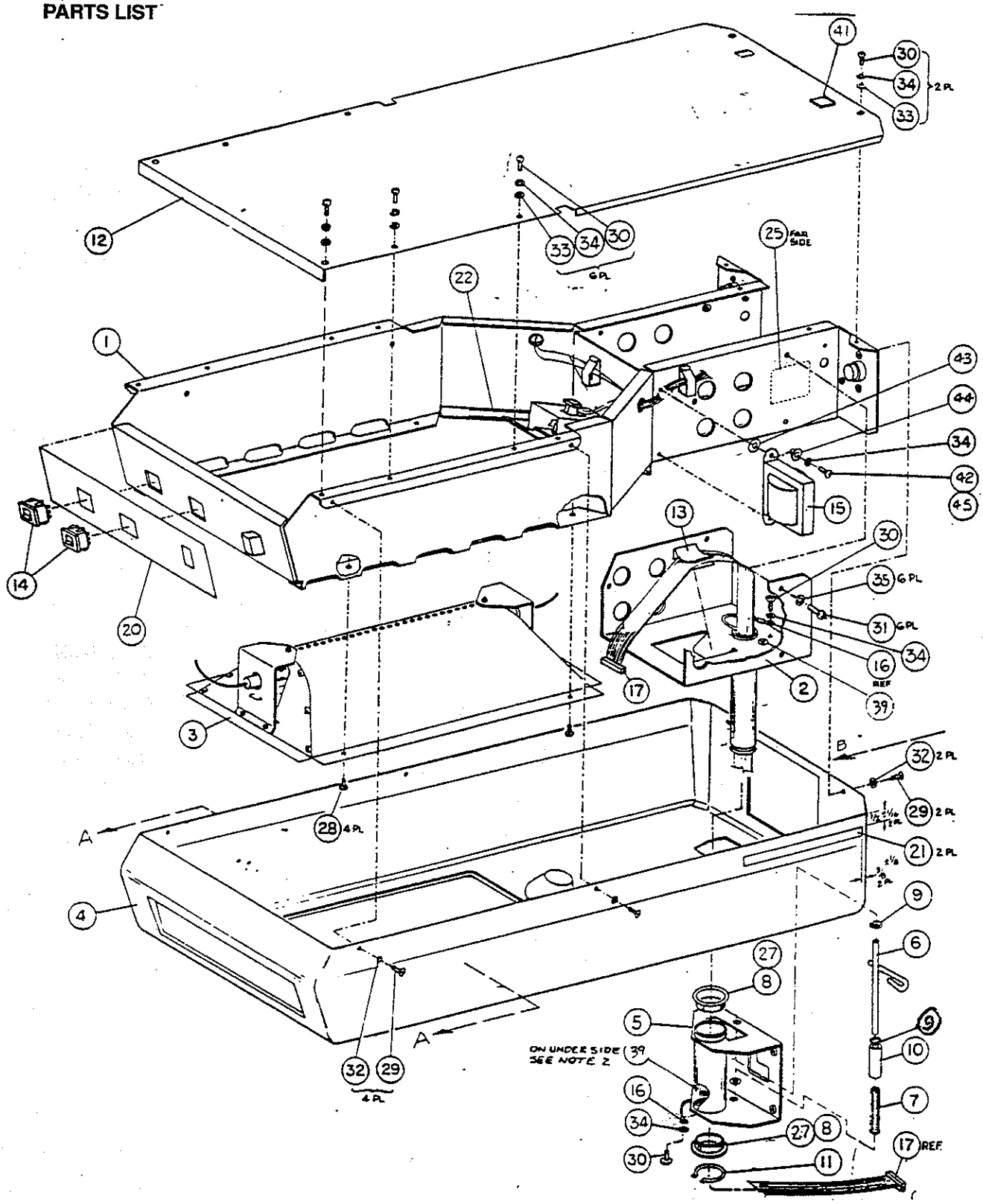


FIGURE 6.29A WARMER MODULE ASSEMBLY, 90° PIVOT, PARTS LOCATION DIAGRAM

TABLE 6.29A WARMER MODULE ASSEMBLY, 90° PIVOT, PARTS LIST

NOTE: Part numbers with the letters "CC" at the end indicate that the part is colored either linear white or gray and is a replacement part for units that are colored linear white and gray. As a general rule, all hardware (screws, bolts, nuts, washers, knobs, etc.) and those parts which are not painted or used internally are interchangeable on the standard color units and the linear white and gray units.

(Sheet 1 of 2)

ITEM NO.	REFERENCE DESIGN.	DESCRIPTION	PART NUMBER
–		WARMER MODULE ASSEMBLY, 90° PIVOT:	
–		(WALL MOUNTED INFANT WARMER AND WALL MOUNTED INFANT INTENSIVE CARE SYSTEM)	
–		English Labeling, 110/120V	78 267 70 or 78 267 70CC
–		Spanish Labeling, 110/120V	78 267 71 or 78 267 71CC
–		French Labeling, 110/120V	78 267 72 or 78 267 72CC
–		English Labeling, 220/240V	78 267 80 or 78 267 80CC
–		Spanish Labeling, 220/240V	78 267 81 or 78 267 81CC
–		French Labeling, 220/240V	78 267 82 or 78 267 82CC
–		German Labeling, 220/240V	78 267 83 or 78 267 83CC
–		English Labeling, 100V	78 267 90 or 78 267 90CC
1		Warmer Module Subassembly (Refer to Table 6.7)	78 260 70
2		Bracket, Mtg., Warmer Module	78 912 27
3		Heater/Reflector Assembly: (Refer to Table 6.8)	
		110/120V	78 263 70
		220/240V	78 263 80
		100V	78 263 90
4		Hood, Warmer	
		English Labeling, 110/120V	78 940 08 or 78 940 08CC
		Spanish Labeling, 110/120V	78 940 09 or 78 940 09CC
		French Labeling, 110/120V	78 940 10 or 78 940 10CC
		English Labeling, 220/240V	78 940 11 or 78 940 11CC
		Spanish Labeling, 220/240V	78 940 12 or 78 940 12CC
		French Labeling, 220/240V	78 940 13 or 78 940 13CC
		German Labeling, 220/240V	78 940 14 or 78 940 14CC
		English Labeling, 100V	78 940 15
5		Pivot Bracket Mounting Post	78 265 00
6		Latching Pin, Warmer Pivot	78 265 05
7		Compression Spring	78 265 10
8		Plastic Shoulder Bushing 1.25 ID	78 265 15
9		Bearing, Split, Plastic, .251 ID	78 155 65
10		Spacer, 0.257 ID x 0.375 OD x 1.00 Nyl	99 125 61
11		External Retaining Ring	99 186 20
12		Screen, Top, Warmer	78 265 20
13		Clamp, Flat Cable, Plastic	17 062 11
14	S2,3	Switch, Rocker, 2PST	17 682 63
15	T2	Transformer Assembly, 110/120V	78 265 95
	T2	Transformer Assembly, 220/240V	78 265 96
	T2	Transformer Assembly, 100V	78 265 97

(Change 10)

TABLE 6.29A WARMER MODULE ASSEMBLY, 90° PIVOT, PARTS LIST

(Sheet 2 of 2)

ITEM NO.	REFERENCE DESIGN.	DESCRIPTION	PART NUMBER
16		Ground Wire Assembly	78 265 99
17		Interconnect Cable Assy.	67 100 18
18		Not Used	
19		Not Used	
20		Switch, Panel Label Eng	78 265 35 or 78 265 35CC
		Spn	78 265 36 or 78 265 36CC
		Frn	78 265 37 or 78 265 37CC
		Ger	78 265 38 or 78 265 38CC
21		Label, Explosion Hazard Eng/Frn	78 265 41 or 78 265 41CC
		Spn	78 265 42 or 78 265 42CC
		Ger	78 265 44 or 78 265 44CC
22		Label, Lamp Replacement Eng	78 265 50
		Spn	78 265 51
		Frn	78 265 52
		Ger	78 265 53
23		Label, Heater Replacement, 115V, Eng	78 265 60
		115V, Spn	78 265 61
		115V, Frn	78 265 62
		230V, Eng	78 265 11
		230V, Spn	78 265 12
		230V, Frn	78 265 13
		230V, Ger	78 265 14
		100V, Eng	78 265 09
24		Label, Phototherapy Use, 115V, Eng	78 265 65
		115V, Spn	78 265 66
		115V, Frn	78 265 67
		230V, Eng	78 265 56
		230V, Spn	78 265 57
		230V, Frn	78 265 58
		230V, Ger	78 265 59
		100V, Eng	78 265 08
27		Lubricant, Dow Corning #111	AR
28		Screw, 6-32 x 5/16, TR, PH, SS, Nylock	99 023 03
29		Screw, 6-32 x 3/8, OV, PH, SS, Nylock	99 023 45
30		Screw, 8-32 x 3/8, TR, PH, SS	99 031 38
31		Screw, 1/4 – 20 x 1/2, Cap HX S CA	99 055 85
32		Washer, Finishing, #6 Nylon	99 122 44
■ 33		Washer, Flat, 0.175 ID, 0.47 OD, 0.035 THK SS	99 122 66
34		Lock Washer, SP #8 SS	99 122 95
35		Washer, LK, SP, 1/4, SS	99 125 53
39		Ground Symbol Label	68 212 00
41		Continuous Grommet	89 136 07
42		Screw, 8 – 32 x 1/2 TR PH SS	99 031 99
43		Washer, Flat 0.172 ID x 0.500 OD Nyl	99 122 65
44		Shoulder Washer, 0.171 ID x 0.347 OD Nyl	99 123 38
45		Loctite, Screwlock, #222	AR

(Change 13)

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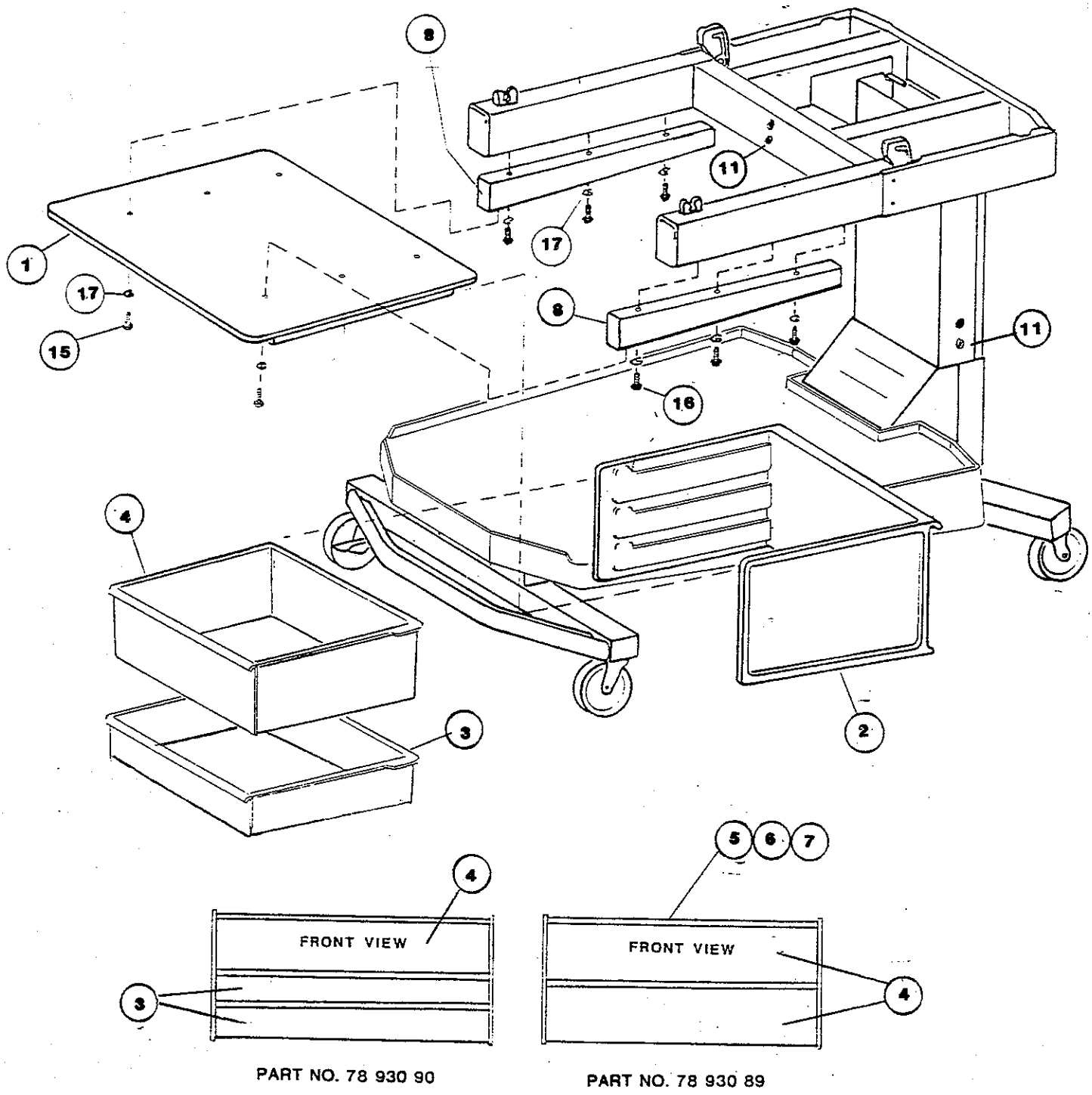


FIGURE 6.30 PARTS LOCATION DIAGRAM, DRAWER MODULE KIT

TABLE 6.30 DRAWER MODULE KIT, PARTS LIST

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		DRAWER MODULE KIT (Two "B" Size Drawers)	78 930 89
–		DRAWER MODULE KIT (One "B" Size Drawer; Two "A" Size Drawers)	78 930 90
1		Counter Top	78 163 01
2		"C" Frame	78 163 05
3		"A" Size Drawer	78 163 10
4		"B" Size Drawer	78 163 15
5		Subcontainer, A–1 (2–3/16" x 4–9/16" x 4–9/16")	78 163 20
6		Subcontainer, A–2 (2–3/16" x 9–3/16" x 4–9/16")	78 163 25
7		Subcontainer, A–3 (2–3/16 x 13–13/16 x 4–9/16")	78 163 30
8		Adapter, Drawer to Cart	78 163 35
9		Not Used	
10		Not Used	
11		Plug Button, 1/4 Diameter	78 161 00
12		Not Used	
13		Not Used	
14		Not Used	
15		Screw, 8–32 x 1", TR, PH, SS	99 033 47
16		Screw, No. 8 x 5/8, F, PN, PH, S4	99 089 24
17		Washer, LK, SP, No. 8, SS	99 122 95

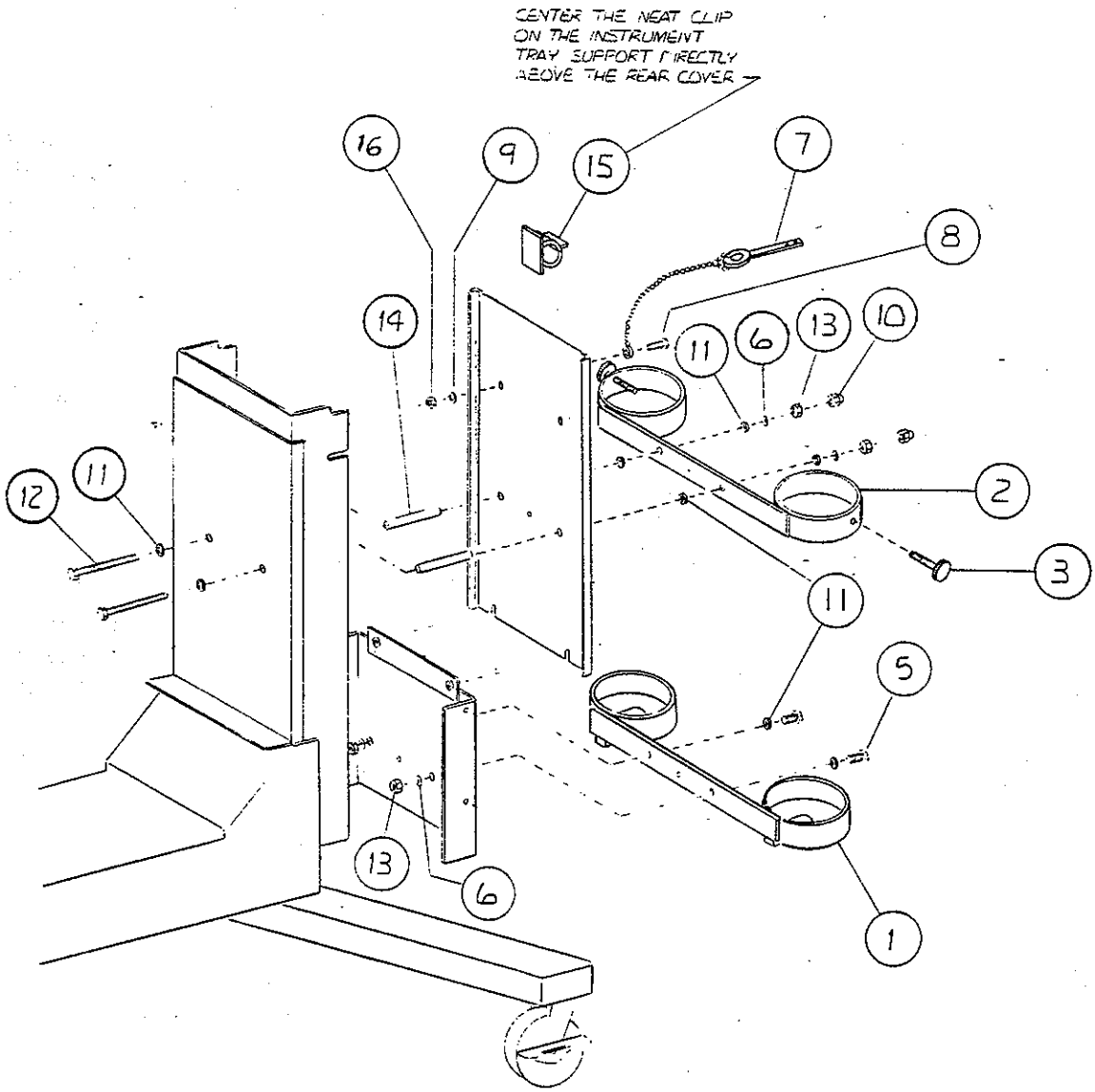
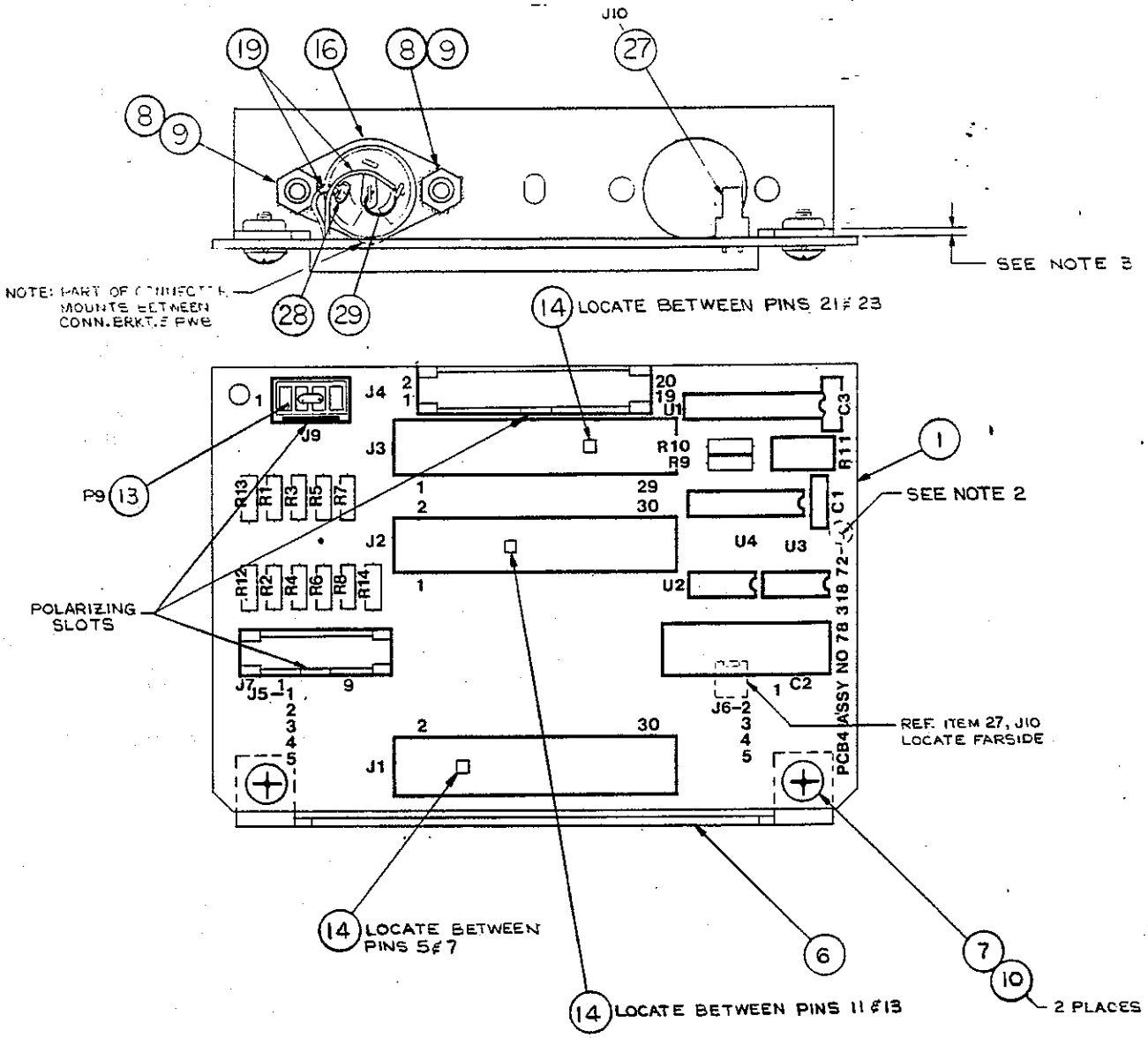


FIGURE 6.31 PARTS LOCATION DIAGRAM, OXYGEN/AIR CYLINDER MOUNTING BRACKET

TABLE 6.31 OXYGEN/AIR CYLINDER MOUNTING BRACKET, PARTS LIST

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		OXYGEN/AIR CYLINDER MOUNTING BRACKET	78 459 71
1		Cylinder Holder, Lower	78 459 00
2		Cylinder Holder, Upper	78 459 10
3		Knob, Knurled	20 045 05
4		Not Used	
5		Screw, 1/4–20 x 3/4, CP, HX, SS	99 056 96
6		Washer, LK, SP, 1/4, SS	99 125 53
7		Chain Assy., Wrench	78 410 76
8		Screw, 8–32 x 1/2, TR, PH, SS	99 031 99
9		Washer, No. 8, LK, SP, SS	99 122 95
10		Nut, Hex Acorn, 1/4–20, SS	99 109 17
11		Washer, FL .26 I.D. x .50 O.D. x .06T, SS	99 125 24
12		Screw, 1/4–20, CP, HX, S Z1	99 060 81
13		Nut, Hex, 1/4–20, SS	99 109 00
14		Spacer, Alum., .406 O.D. x .27 I.D. x 2.94 LG	78 459 15
15		Clip, Plastic, Snap, SLF ADH, 0.38 I.D.	78 163 40
16		Nut, Hex 8–32, SS	99 106 01



NOTES:

1. ASSEMBLY OF BOARD TO CONFORM WITH SPEC. NO. 00 945 12.
2. MARK ASSEMBLY REVISION LEVEL IN AREA SHOWN WITH .09±.03 HIGH CHARACTERS USING A PERMANENT SMUDGE-PROOF INK, COLOR TO CONTRAST WITH BOARD MATERIAL.
3. COMPONENT LEAD AND SOLDER BUILD UP NOT TO EXCEED .06 MAX. FROM SURFACE OF BOARD.
4. **CAUTION:** ASSEMBLY CONTAINS STATIC SENSITIVE DEVICES. SPECIAL HANDLING REQUIRED.

FIGURE 6.32 PARTS LOCATION DIAGRAM, PCB4 ASSEMBLY, MOTHERBOARD

TABLE 6.32 PCB4 ASSEMBLY, MOTHERBOARD, PARTS LIST

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
		ASSEMBLY, MOTHERBOARD,PCB4 , CM78–2 SERIES 02, 03 AND 05	78 318 72T
		NOT USED	
2		NOT USED	
3		NOT USED	
4		NOT USED	
5		NOT USED	
6		BRACKET, CONNECTOR	78 318 25
7		SCR, 4–40 x 1/4, TR PH SS	99 010 56
8		WSHR, #4 LK SHE SS	99 121 37
9		NUT, No. 4, HX SS SMALL PATTERN	99 103 35
10		WASHER, NO. 4, LK SP SS	99 121 36
11	C1	CAP, .1 MF, 10% 50V	17 AY 646
12	J9	CONN, PC HDR LKG SGL ROW 4 POSN	17 BP 803
13	P9	PLUG ASSY, ALARM ENABLE	78 327 50
14		KEY, POLARIZING	17 BP 642
15	J1,2,3	CONN, RCPT CARD EDGE PC MTG	17 BP 632
16	J8	CONN, RCPT FEMALE 3 POSN	17 724 26
17	J4	CONN, RCPT MALE 20 CONTACTS	17 BP 653
18	J7	CONN, RCPT MALE 10 CONTACTS	17 732 34
19		WIRE SET	78 318 30
20	C3	CAP, 0.1 MFD, 10% 50V	17 AY 640
21		NOT USED	
22	U4	IC, CMOS 4x2 INPUT NAND 4011	17 629 77
23	U3	IC, PWR DRVR 3633	17 629 52
24	U2	IC, CMOS 3634 PERIPHERAL DRIVER	17 630 11
25	U1	IC, CMOS 12 STG BIN CNTR 4040	17 629 89
26	R12	RES, 69.8K 1% 1/8W FILM	17 AF 369
27	J10	CONN, PC HDR LKG SGL ROW 2 POSN	17 BP 801
28		SLEEVING, HT SHRK CLR .046 ID RCV	17 025 12
29		WIRE, BUSS 22 AWG SOLID COPPER	
30	R1	RES, 2K 1% 1/8W FILM	17 AF 221
31	R2,13	RES, 20K 1% 1/8W FILM	17 AP 317
32	R3,9,10	RES, 10K 1% 1/8W FILM	17 AF 288
33	R4	RES, 4.99K 1% 1/8W FILM	17 AF 259
34	R5	RES, 200K 1% 1/8W FILM	17 AF 413
35	R6	RES, 100K 1% 1/8W FILM	17 AF 384
36	R7,14	RES, 49.9K 1% 1/8W FILM	17 AF 355
37	R8	RES, 24.9K 1% 1/8W FILM	17 AF 326
38	R11	RES, VAR 50 OHM 6.5W, PCB HORIZ. ADJ.	17 AN 004
39		SPEAKER ASSEMBLY (NOT SHOWN AND NOT INCLUDED WITH PCB ASSY)	78 305 50

(Change 11)

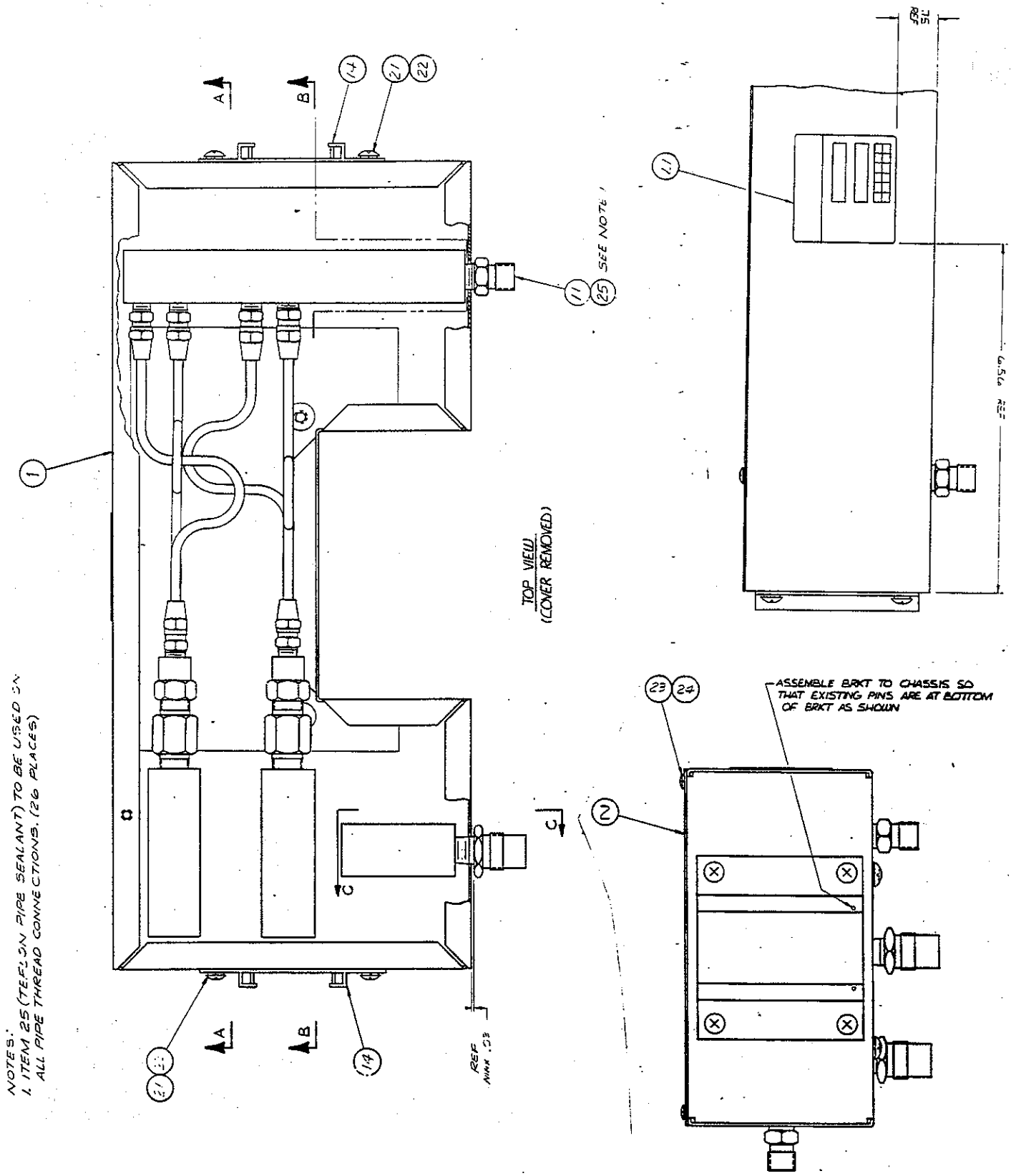

NOTES:
1. ITEM 25 (TEFLON PIPE SEALANT) TO BE USED ON ALL PIPE THREAD CONNECTIONS. (26 PLACES)
TOP VIEW (COVER REMOVED)
SEE NOTE 1
ASSEMBLE BRKT TO CHASSIS SO THAT EXISTING PINS ARE AT BOTTOM OF BRKT AS SHOWN
REF

FIGURE 6.33 PARTS LOCATION DIAGRAM, RESUSCITATION MODULE
(Sheet 1)
(Change 8)

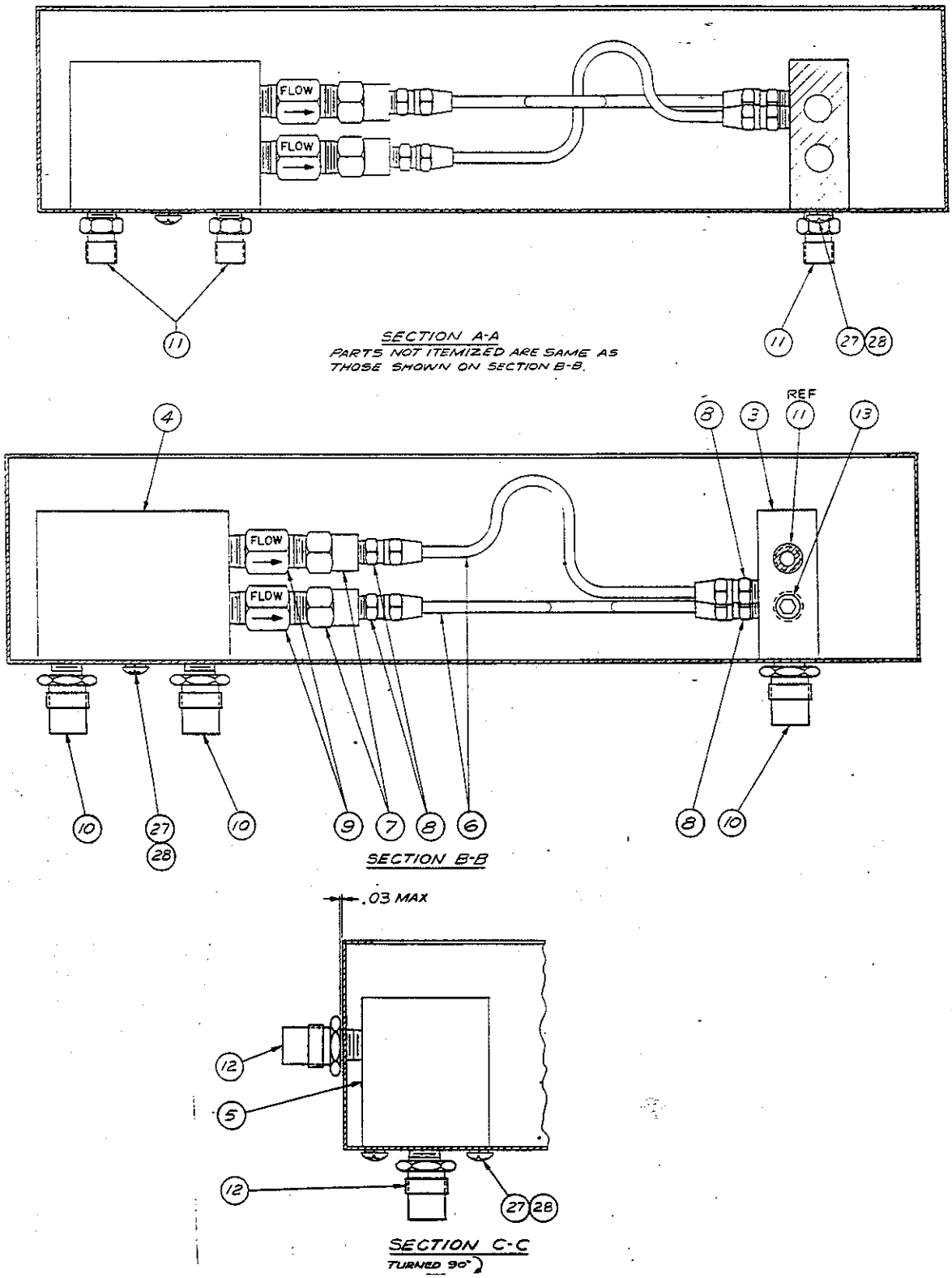


FIGURE 6.33 PARTS LOCATION DIAGRAM, RESUSCITATION MODULE (Sheet 2)

(Change 8)

TABLE 6.33 RESUSCITATION MODULE, PARTS LIST

(Sheet 1 of 1)

ITEM NO.	REFERENCE DESIGNATION	DESCRIPTION	PART NUMBER
–		RESUSCITATION MODULE	78 930 44 or 78 930 94CC
1		Chassis, Marked, English	78 455 35 or 78 455 35CC
2		Cover, Resuscitation Module	78 455 20 or 78 455 20CC
3		Manifold, 02/Air	78 456 05
4		Manifold, 02/air (Small)	78 456 06
5		Manifold, Vacuum	78 456 07
6		Tube, Copper Assy	78 425 75
7		Bushing, Reducing 1/4 x 1/8 Female NPT	78 456 04
8		Connector, Male	78 423 20
9		Check Valve	78 456 09
10		Ftg., Air, Shut-Off, Diss. Male	78 435 26
11		Ftg., 02, Shut-Off, Diss. Male	78 435 31
12		Ftg., Suction, Shut-Off, Diss. Male	78 435 21
13		Plug, Pipe 1/4 NPT	20 068 28
14		Bracket Assy, 02 Blender	78 431 01
15		Not Used	
16		Not Used	
17		Not Used	
18		Not Used	
19		Not Used	
20		Not Used	
21		Screw, 8-32 x 5/16 TR PH SS	99 031 05
22		Washer, LK #8 SP SS	99 122 95
23		Screwyn 6-32 x 1/4 TR PH SS	99 022 72
24		Washer, LK #6 SP S4	99 122 16
25		Compound, Pipe Sealant (Teflon)	99 902 84
26		Bag, Polyethylene 18 x 24	99 900 47
27		Screw, 10-32 x 5/16 TR PH SS	99 040 86
28		Washer, LK, SP #10 S CA	99124 16
		Mounting Hardware and Blender Bracket (not shown)	
29		Blender, Bracket	78 431 20
30		Screw, 8-32 x 5/16 TR PH SS	99 031 05
31		Washer, Lock, #8 SP S4	99122 95
32		Screw, 1/4-20 x 2.50 CP HX S CA	99 060 11
33		Washer, 1/4 Lock SP ss	99125 53
34		Spacer, 1/8' Dia.	78 455 25

(Change 13)

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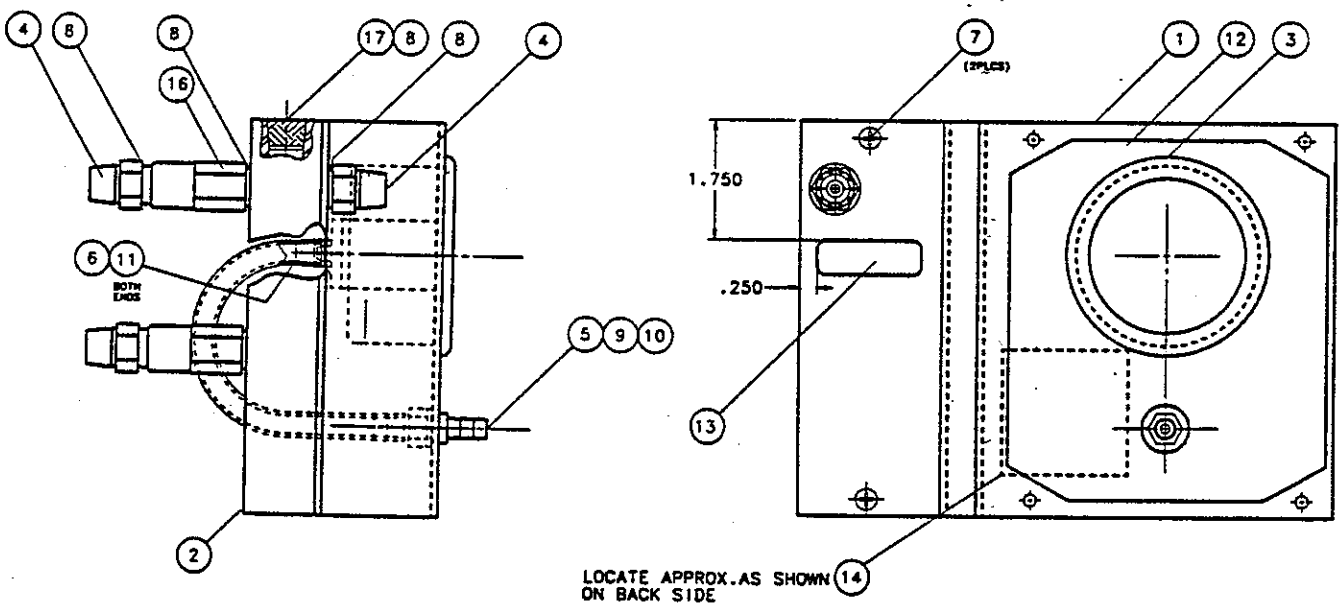
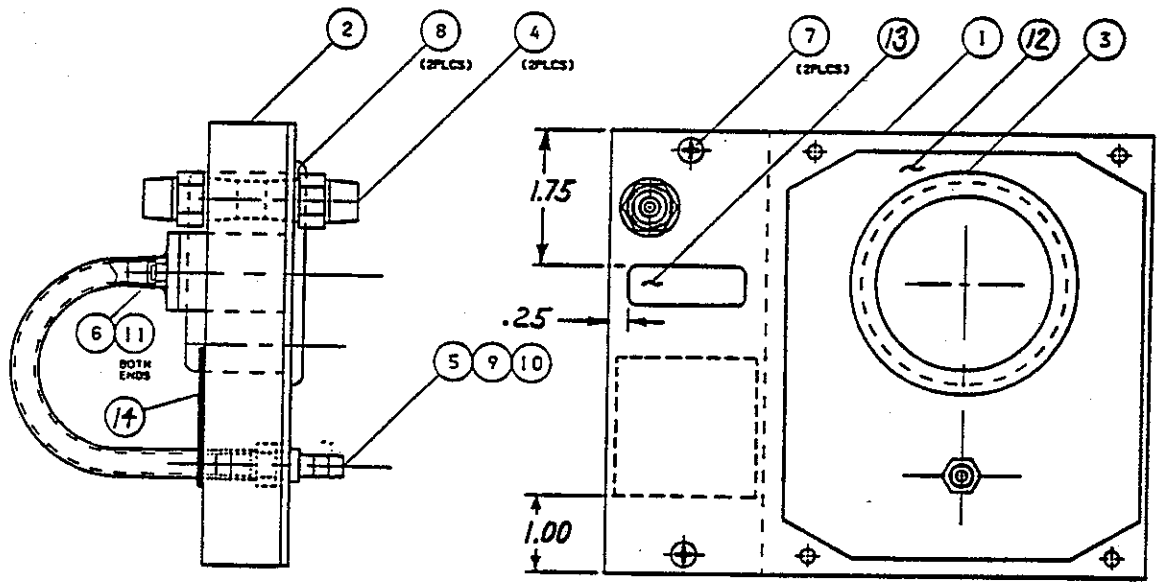


78 467 52CC , 53CC



78 467 50CC , 51CC

FIGURE 6.34 CLASSIC RESUSCITATION MODULE, PARTS LOCATION DIAGRAM

(Change 11)

TABLE 6.34 CLASSIC RESUSCITATION MODULE, PARTS LIST

ITEM NO.	REFERENCE DESIGN.	DESCRIPTION	PART NUMBER
–		CLASSIC RESUSCITATION MODULE,	
		English	78 467 50CC
		Spanish	78 467 51CC
		English	78 467 52CC
		Spanish	78 467 53CC
1		Panel, Oxygen Delivery	78 467 00CC
		Panel, Oxygen Delivery	78 467 01CC
2		Oxygen Delivery Manifold	78 467 12CC
3		Air Pressure Gauge, 0 – 60 cm H_2O	20 015 01
4		Oxygen Shut–Off Fitting DISS Male	78 435 31
5		Bulkhead Fitting, 1/4 Hose Nipple	20 019 60
6		Clear PVC Tubing, 3/16 ID x 5.00" Long	22 025 47
7		Screw, 8 – 32 x 3/8" PN PH SS Nylock	99 031 49
8.		Teflon Pipe Sealer Tape	AR
9		Lock Washer, Int 3/8 S Z1	99 126 93
10		Hex Nut, 3/8 – 24 (Thin) BR NP	99 111 66
11		Hose Clamp for 3/8 OD	20 015 65
12		Label, Classic Resus. Pkg,	
		English	78 467 25CC
		Spanish	78 467 27CC
13		Label, Oxygen	
		English	78 467 20CC
		Spanish	78 467 22CC
17		Pipe Plug, 1/4 NPT Hex Soc Hd, NP	78 467 13
16		Check Valve, 1/4 NPT Fem Inlet, 1/4 Male Out	81 500 43

(Change 13)

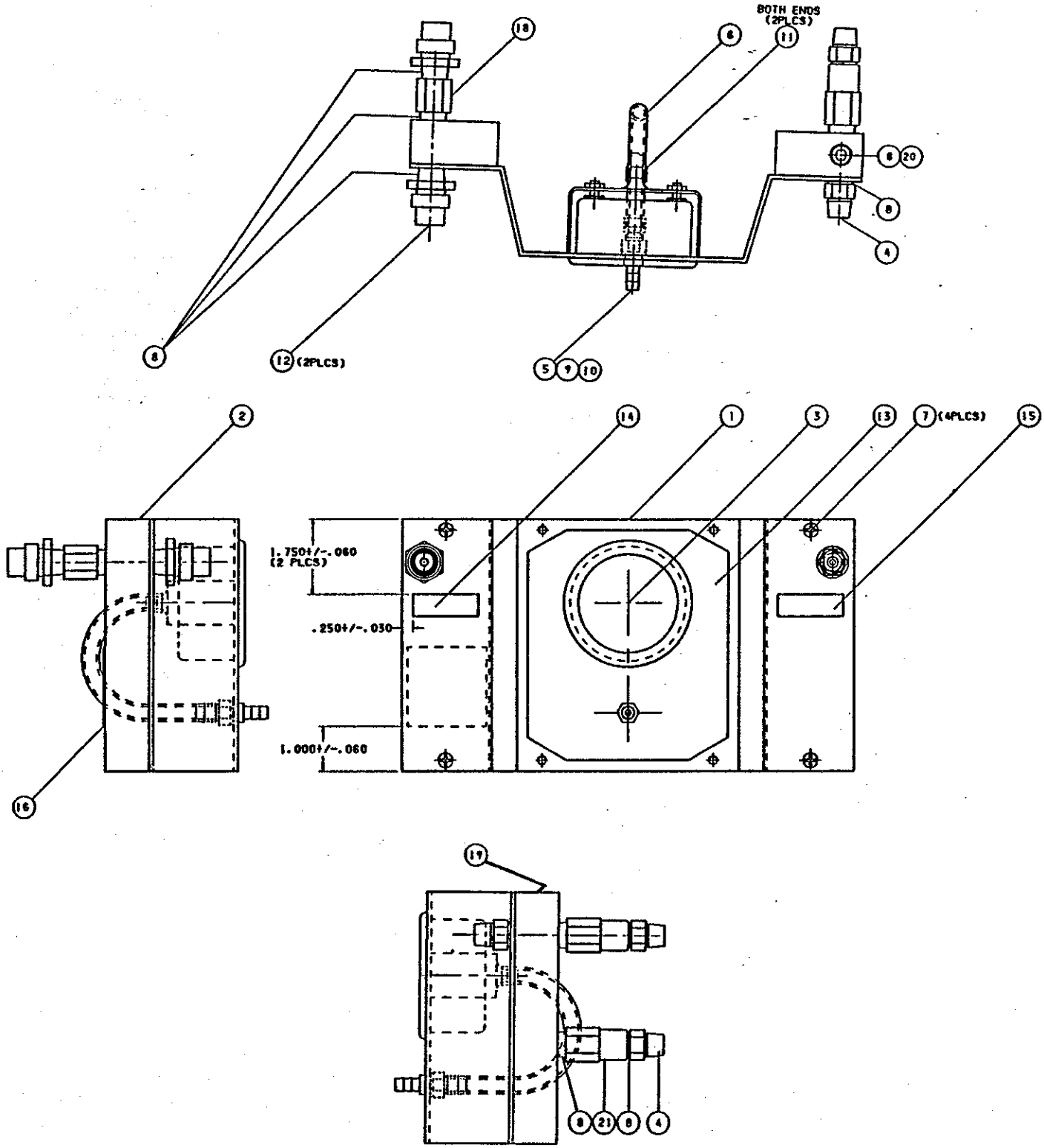


FIGURE 6.35 DELUXE RESUSCITATION MODULE, PARTS LOCATION DIAGRAM

(Change 11)

TABLE 6.35 DELUXE RESUSCITATION MODULE, PARTS LIST

ITEM NO.	REFERENCE DESIGN.	DESCRIPTION	PART NUMBER
–		DELUXE RESUSCITATION MODULE	
		English	78 467 45CC
		Spanish	78 467 46CC
1		Panel, Oxygen Delivery	78 467 05CC
2		Oxygen Delivery Manifold	78 467 10CC
3		Air Pressure Gauge, 0 – 60 cm H_2O	20 015 01
4		Oxygen Shut–Off Fitting DISS Male	78 435 31
5		Bulkhead Fitting, 1/4 Hose Nipple	20 019 60
6		Clear PVC Tubing, 3/16 ID x 5.00" Long	22 025 47
7		Screw, 8 – 32 x 3/8" PN PH SS Nylock	99 031 49
8.		Teflon Pipe Sealer Tape	AR
9		Lock Washer, Int 3/8 S Z1	99 126 93
10		Hex Nut, 3/8 – 24 (Thin) BR NP	99 111 66
11		Hose Clamp for 3/8 OD	20 015 65
12		Suction Shut–Off Fitting. DISS Male	78 435 21
13		Label, Deluxe Resus Pkg	
		English	78 467 26CC
		Spanish	78 467 28CC
14		Label, Vacuum	
		English	78 467 21CC
		Spanish	78 467 23CC
15		Label, Oxygen	
		English	78 467 20CC
		Spanish	78 467 22CC
18		Adapter, 1/4 inch NPT Male and Fem	78 467 11
19		Dual O2 Delivery Manifold	78 467 12CC
20		Plug, 1/4 NPT Male ,Countersunk	78 467 13
21		Check Valve, 1/4 NPT Fem, Inlet, I/4 NPT Male Out	78 467 16

(Change 11)

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SECTION 7
DIAGRAMS

7.1 GENERAL

This section provides schematic and wiring diagrams for the equipment.

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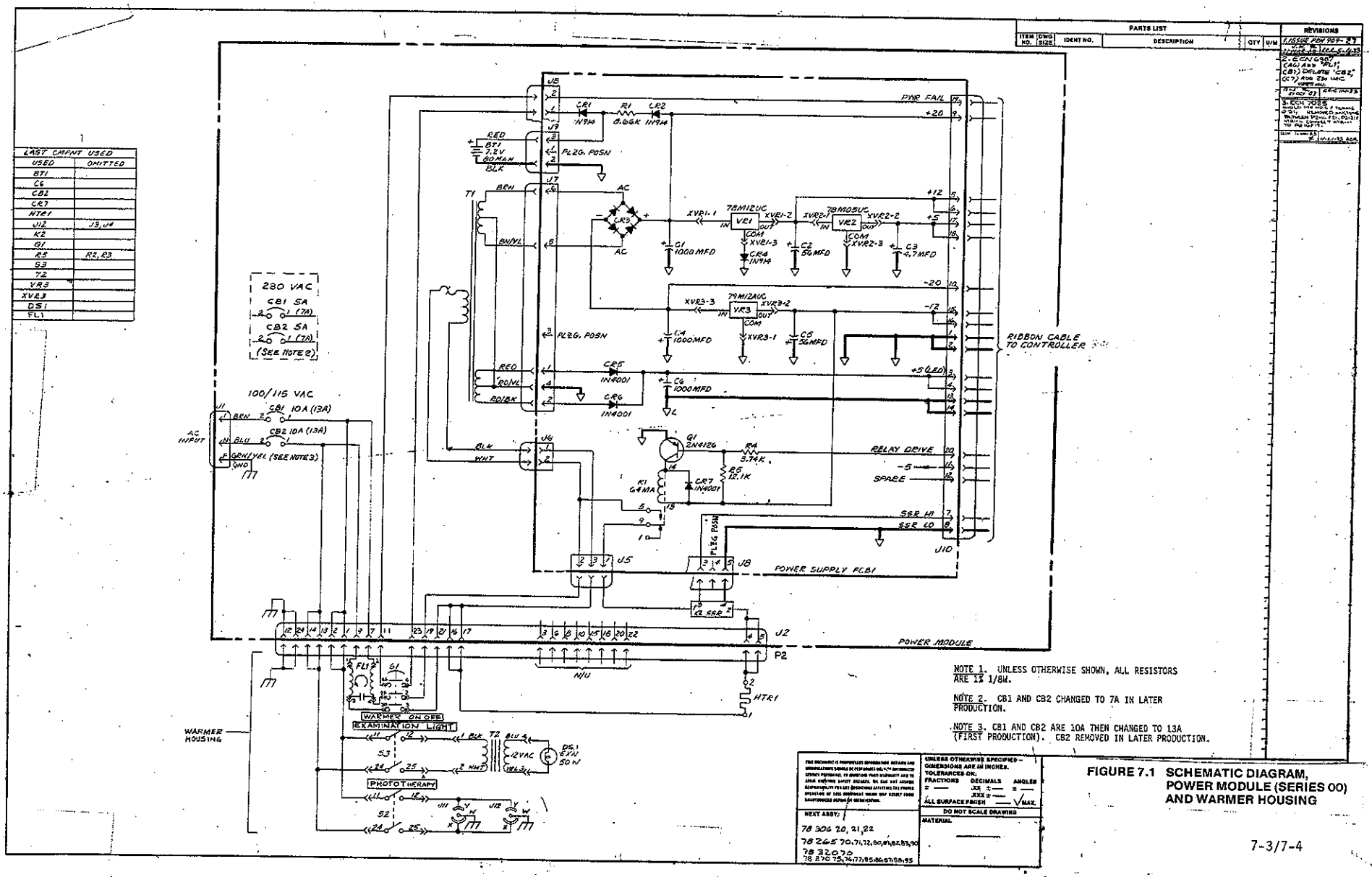


NOTE 1. UNLESS OTHERWISE SHOWN, ALL RESISTORS ARE 1% 1/8W.

NOTE 2. CB1 AND CB2 CHANGED TO 7A IN LATER PRODUCTION.

NOTE 3. CB1 AND CB2 ARE 10A THEN CHANGED TO 13A (FIRST PRODUCTION). CB2 REMOVED IN LATER PRODUCTION.

UNLESS OTHERWISE SPECIFIED – DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
FRACTIONS ± —— DECIMALS .XX ± —— .XXX ± —— ANGLES ± ——
ALL SURFACE FINISH —— √ MAX.
DO NOT SCALE DRAWING
MATERIAL ——

NEXT ASSY:
78 306 20, 21, 22
78 265 70, 71, 72, 80, 81, 82, 83, 90
78 32070
78 270 75, 76, 77, 85, 86, 87, 88, 95

FIGURE 7.1 SCHEMATIC DIAGRAM, POWER MODULE (SERIES 00) AND WARMER HOUSING

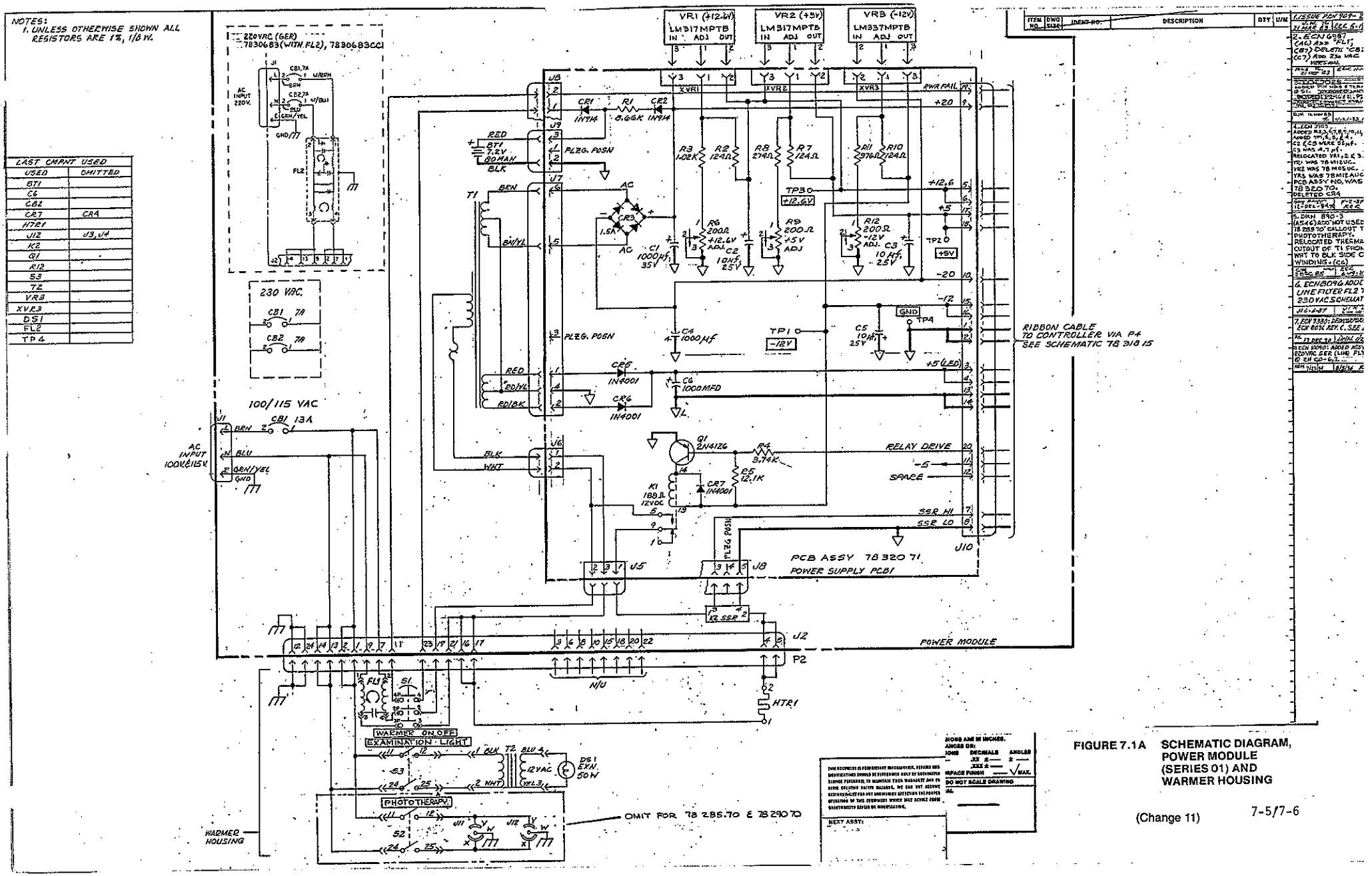
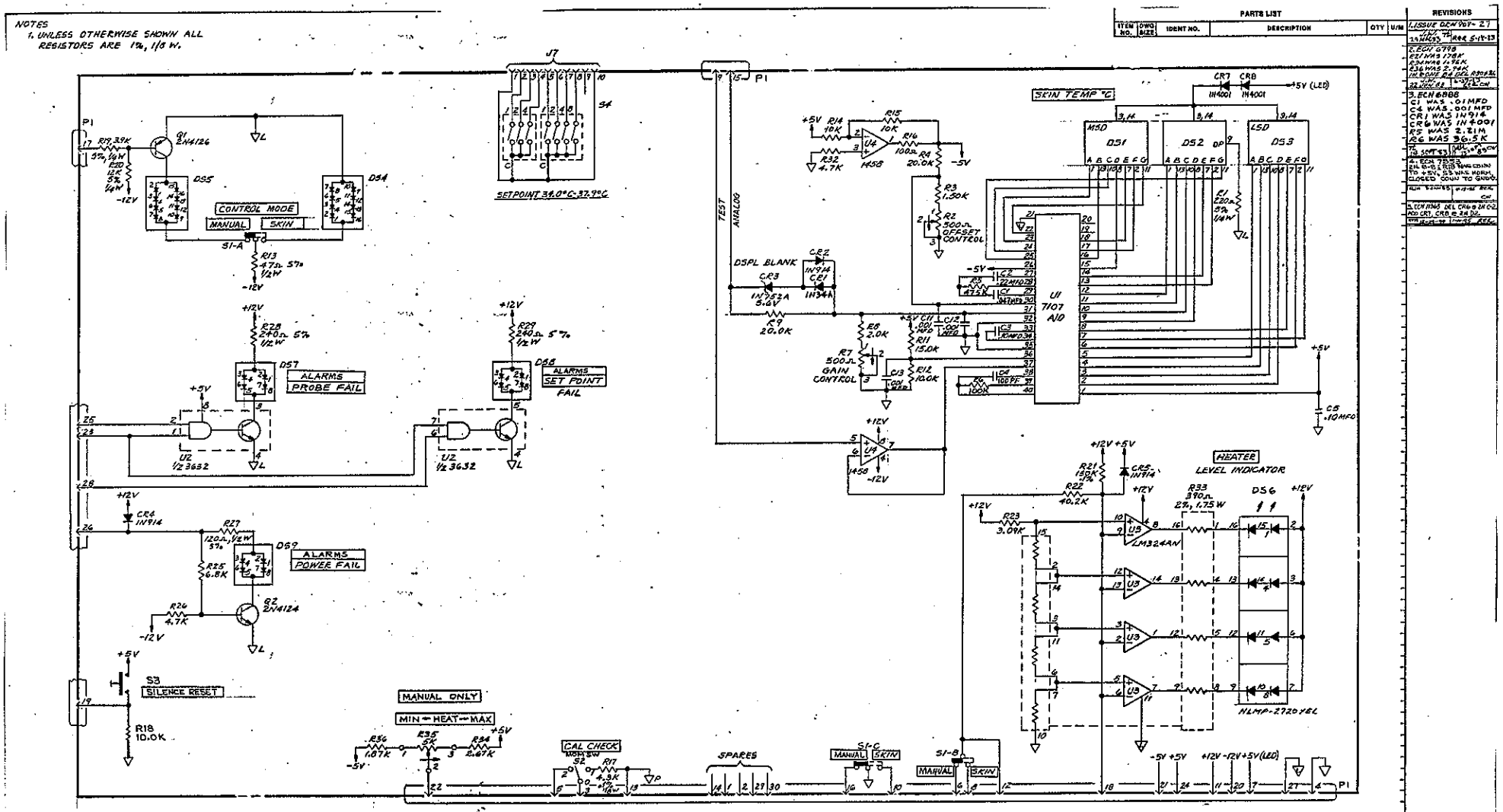


FIGURE 7.1A SCHEMATIC DIAGRAM, POWER MODULE (SERIES 01) AND WARMER HOUSING



LAST CMPNT USED	
USED	OMITTED
C13	C6,7,8,9,10
CR8	CR6
DS9	
Q2	
R36	R10, 24, 30, 31
S4	
U4	
P1	

UNLESS OTHERWISE SPECIFIED — DIMENSIONS ARE IN INCHES. TOLERANCES ON: FRACTIONS ± — DECIMALS .XX ± — .XXX ± — ALL SURFACE FINISH — DO NOT SCALE DRAW MATERIAL

SIGNATURES | DATE

NEXT ASSY:

AIR-SHIELDS HATBORO, PA. 19040

FIGURE 7.2 SCHEMATIC DIAGRAM, CONTROLLER DISPLAY BOARD, PCB1

(Change 11)

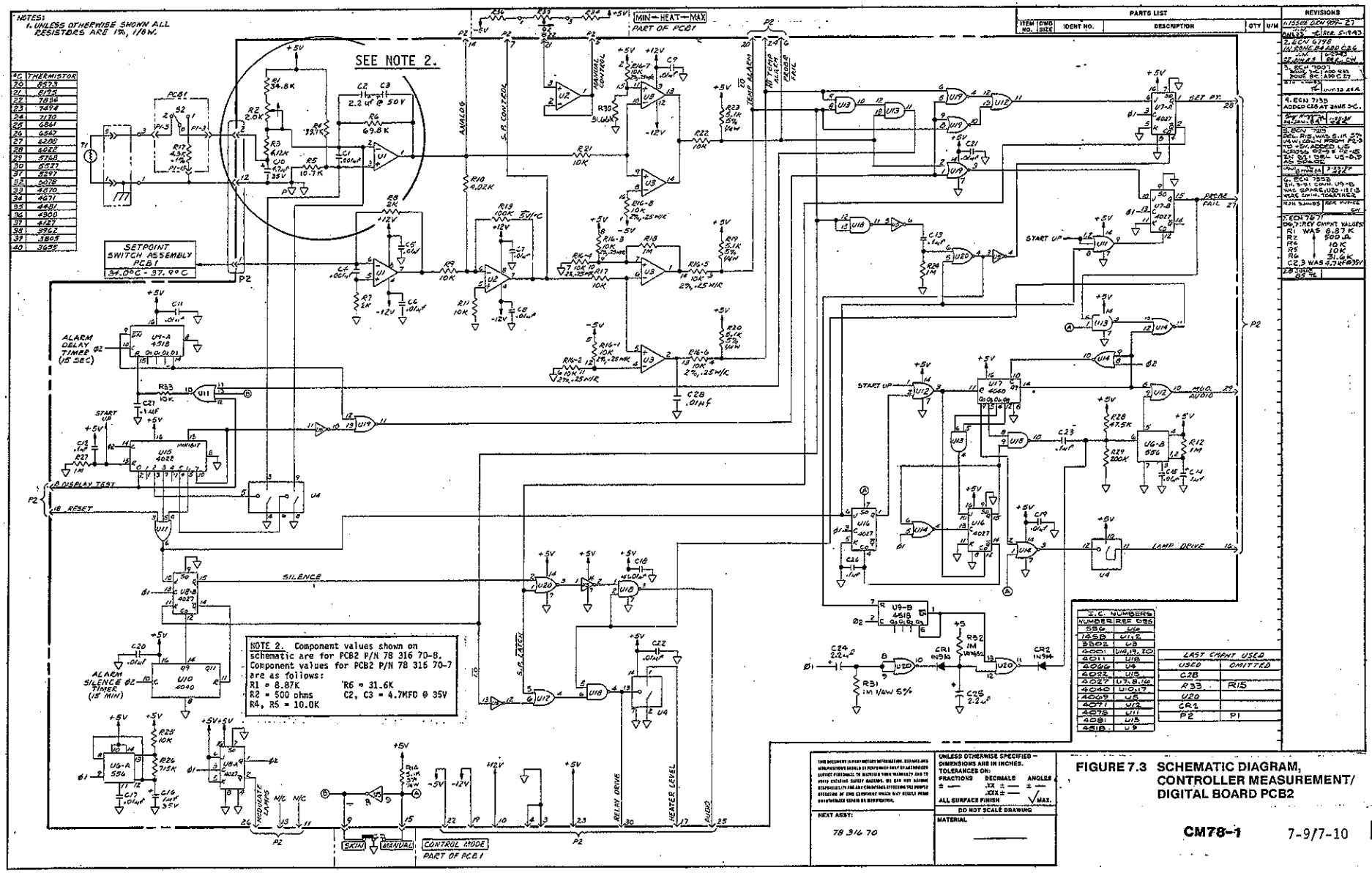
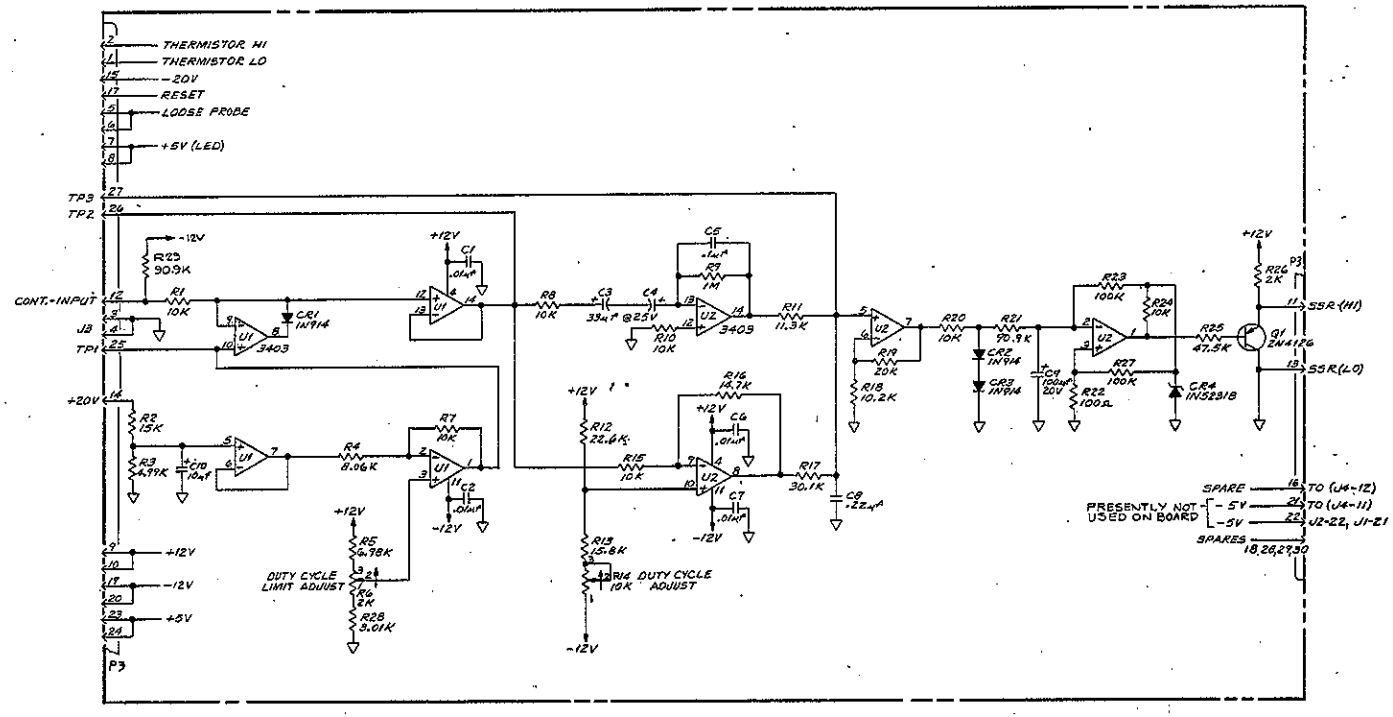


FIGURE 7.3 SCHEMATIC DIAGRAM, CONTROLLER MEASUREMENT/ DIGITAL BOARD PCB2

NOTES:
1. UNLESS OTHERWISE SHOWN ALL RESISTORS ARE 1%, 1/8 W.

PARTS LIST					
ITEM NO.	DWG SIZE	IDENT NO.	DESCRIPTION	QTY	U/M

REVISIONS
1 ISSUE PER 90-27
2 ADD C-11-13
3 ADDED R24



LAST CMPNT USED	
USED	OMITTED
C10	
CR4	
P3	P1,2
Q1	
R28	
U2	

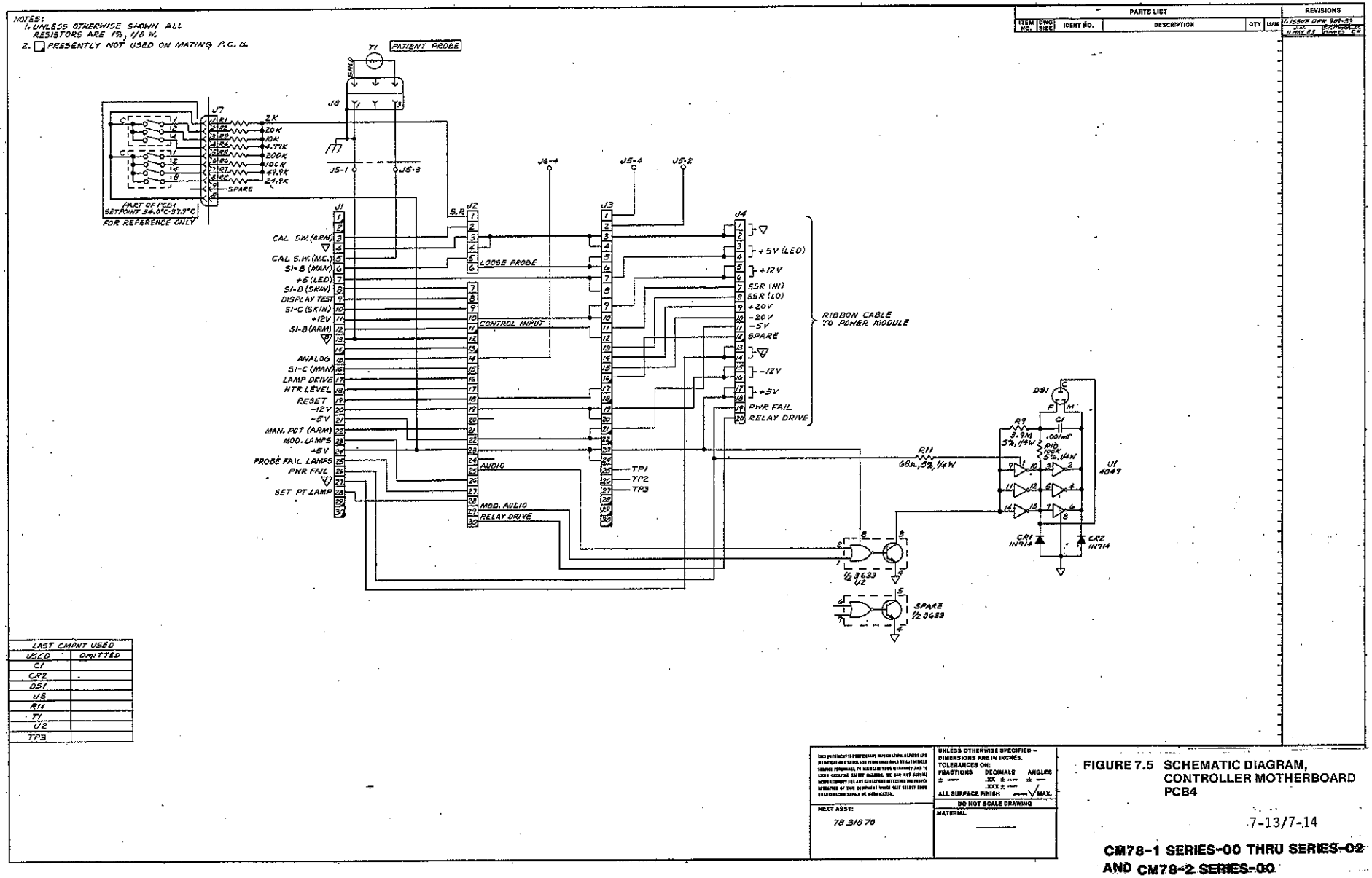
THIS DRAWING IS PROPRIETARY INFORMATION, SUPPLIED FOR MANUFACTURING PURPOSES ONLY BY AUTHORIZED SOURCE PERSONNEL. NO MANUFACTURING WARRANTY ARE TO BE IMPLIED UNLESS EXPLICITLY STATED. WE ASSUME NO RESPONSIBILITY FOR ANY OPERATIONS AFFECTING THE PROPER OPERATION OF THIS EQUIPMENT WHICH HAVE NOT BEEN PERFORMED BEFORE OUR INSPECTION.

NEXT ASSY: 783/7 70

UNLESS OTHERWISE SPECIFIED – DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
FRACTIONS ± —— DECIMALS .XX ± —— .XXX ± —— ANGLES ± ——
ALL SURFACE FINISH —— √ MAX.
DO NOT SCALE DRAWING
MATERIAL ——

FIGURE 7.4 SCHEMATIC DIAGRAM, CONTROLLER CONTROL BOARD, PCB3

7-11-7/12



LAST CMPNT USED	
USED	OMITTED
C1	
CR2	
DS1	
J8	
R11	
T1	
U2	
TP3	

UNLESS OTHERWISE SPECIFIED – DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
FRACTIONS ± —— DECIMALS .XX ± .—— .XXX ± .—— ANGLES ± ——
ALL SURFACE FINISH —— √ MAX.
DO NOT SCALE DRAWING
MATERIAL ——
NEXT ASSY: 78 3/8 70

FIGURE 7.5 SCHEMATIC DIAGRAM, CONTROLLER MOTHERBOARD PCB4

7-13/7-14

CM78-1 SERIES-00 THRU SERIES-02 AND CM78-2 SERIES-00

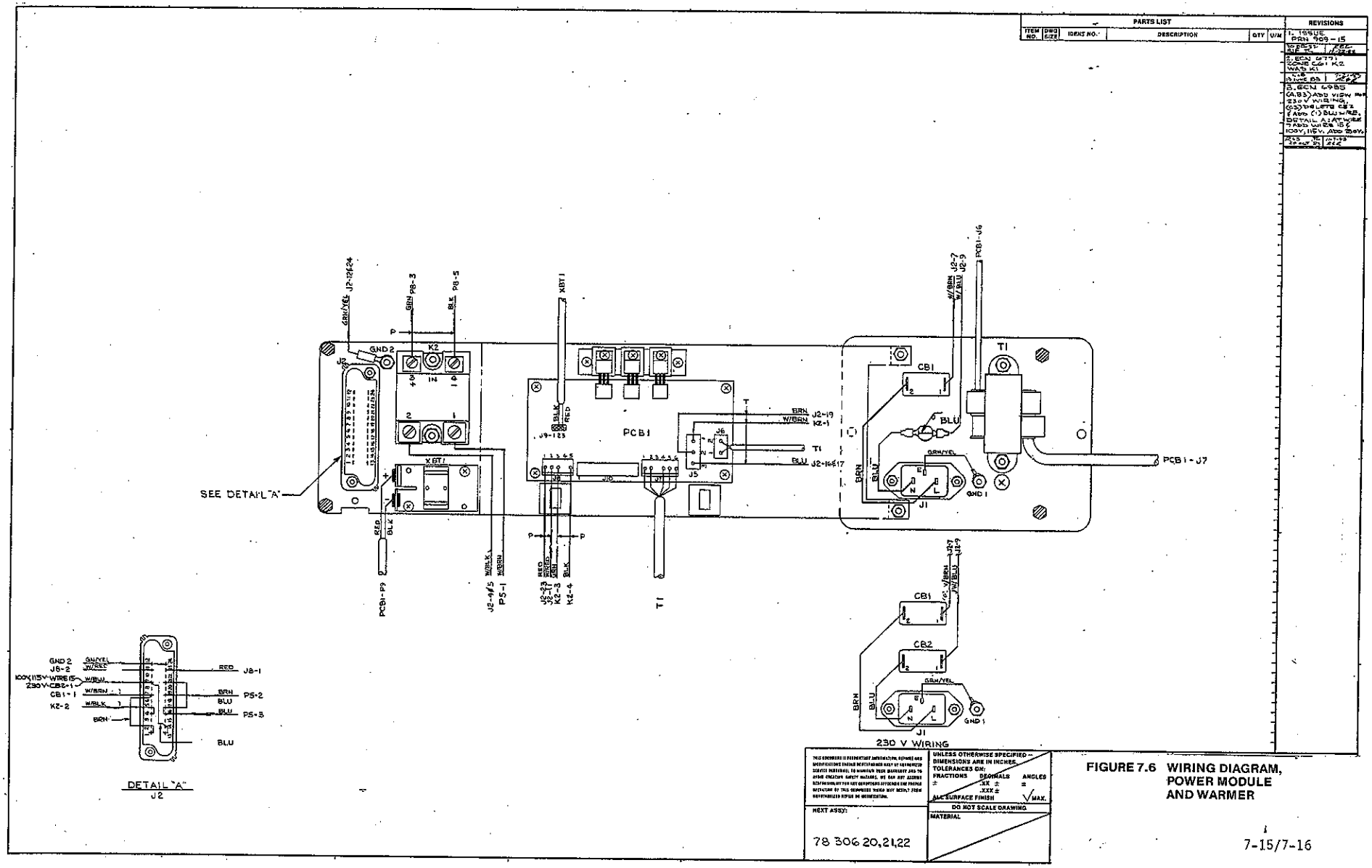
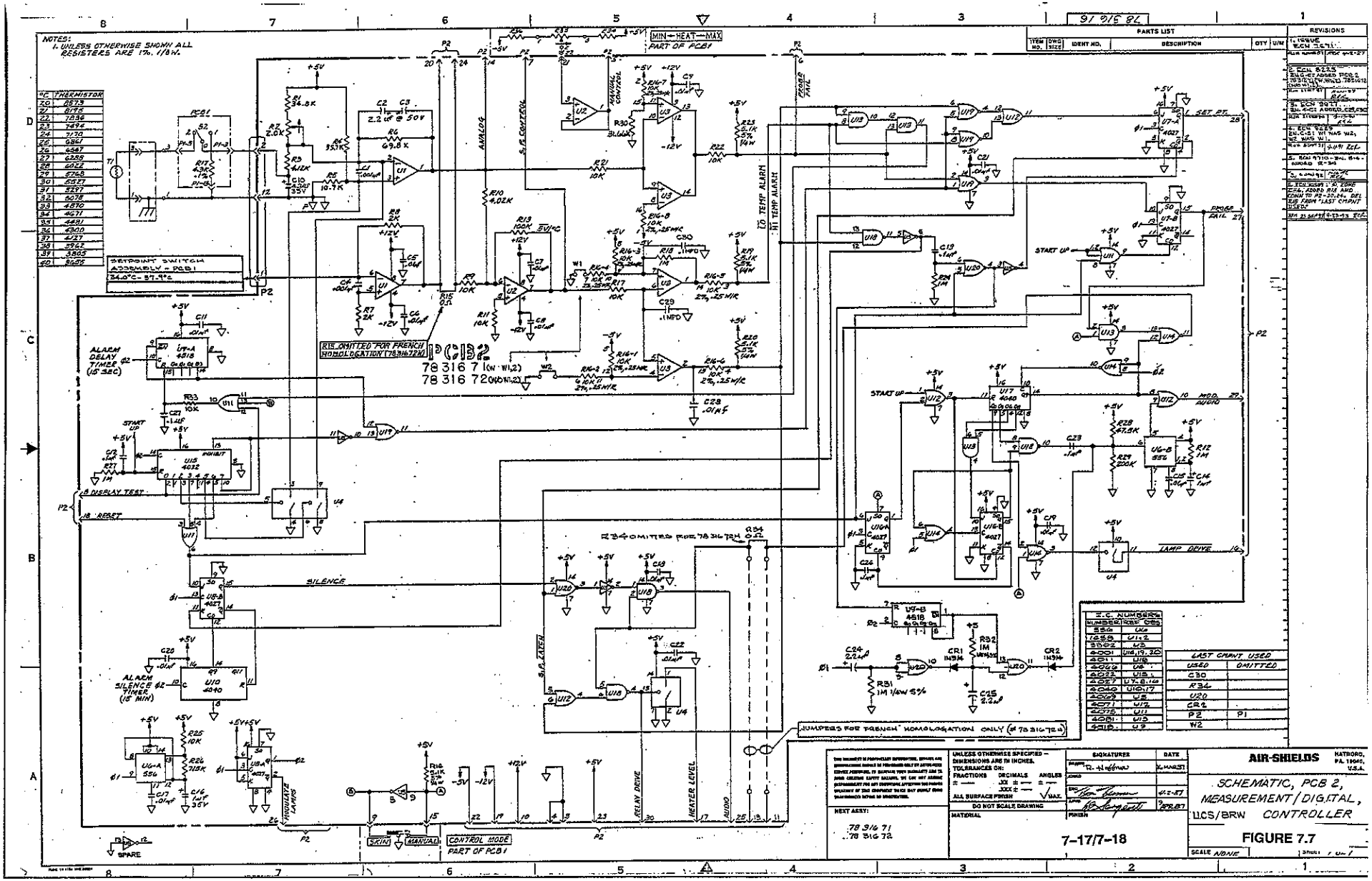
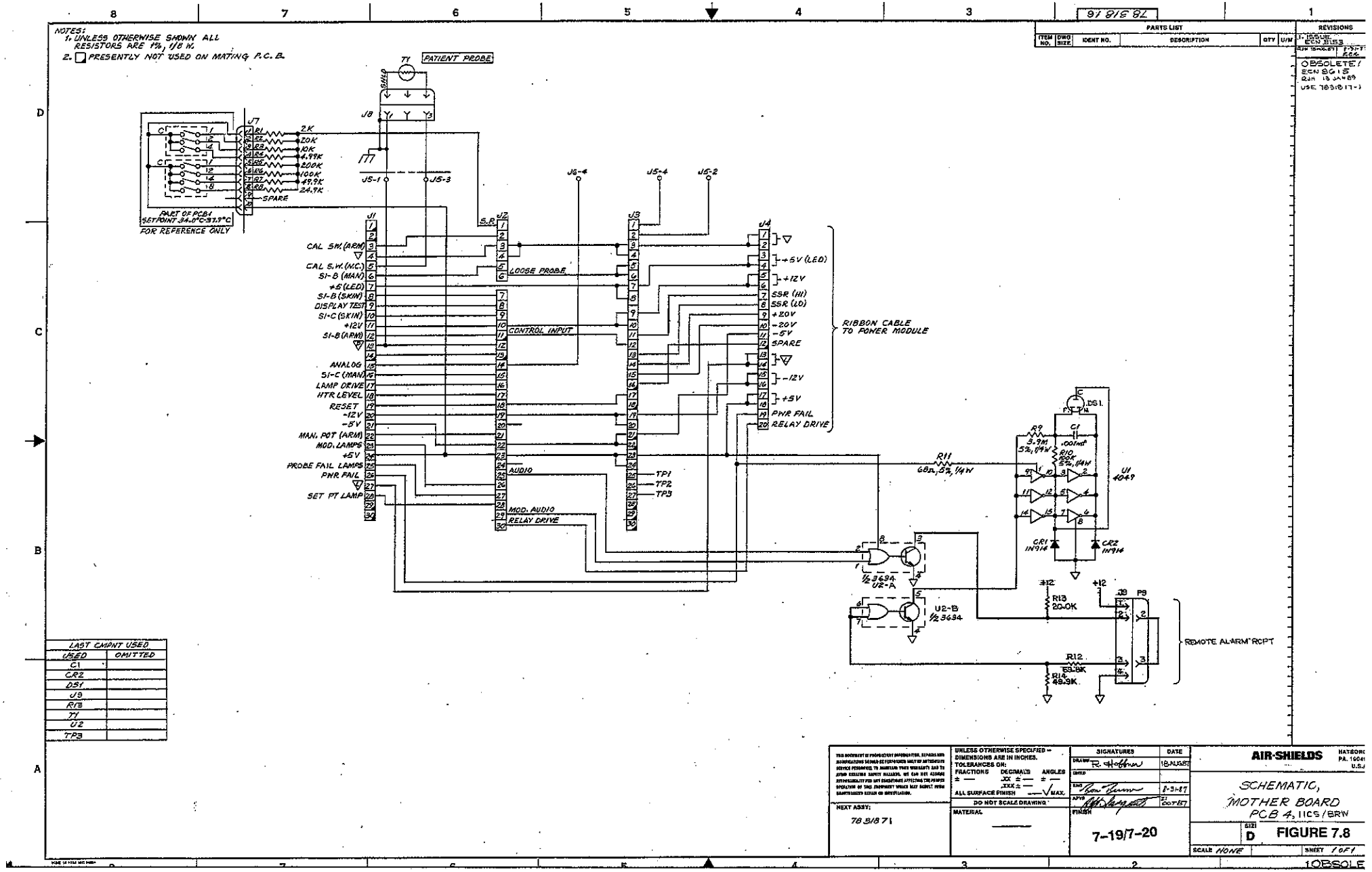
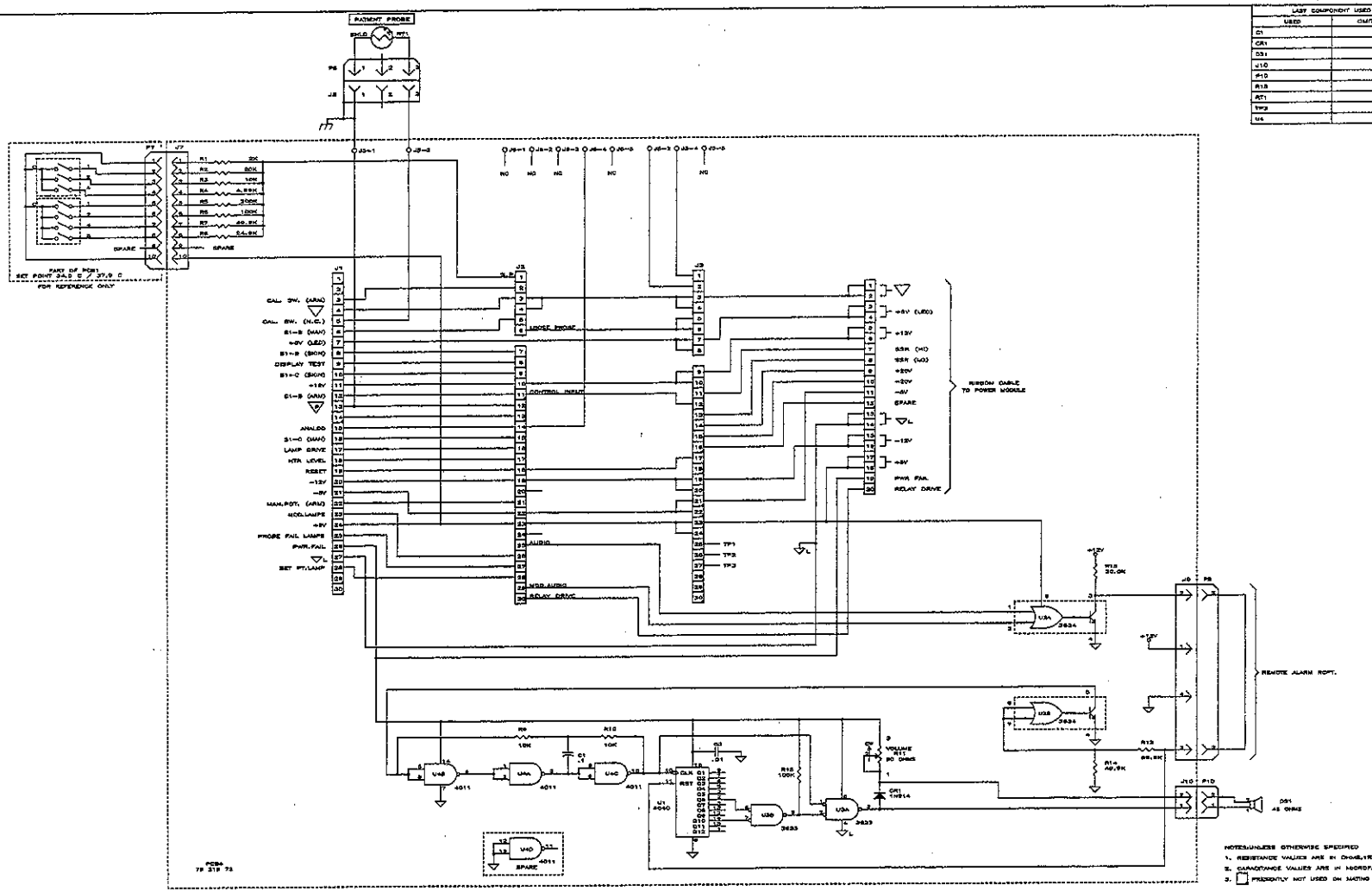


FIGURE 7.6 WIRING DIAGRAM, POWER MODULE AND WARMER


NOTES:
1. UNLESS OTHERWISE SHOWN ALL RESISTERS ARE 1%, 1/8W.
MIN—HEAT—MAX
PART OF PCB1
SETPOINT SWITCH
ASSEMBLY - PCB1
34.0°C - 37.4°C
RIS OMITTED FOR FRENCH HOMOLOGATION (78316720)
PCB2
78 316 71 (W1,W2)
78 316 72 (W1 OPEN, W2)
R34 OMITTED FOR 78 316 72M
JUMPERS FOR FRENCH HOMOLOGATION ONLY (# 78 316-72 M)
ALARM DELAY TIMER (15 SEC)
ALARM SILENCE TIMER (15 MIN)
START UP
DISPLAY TEST
RESET
SILENCE
INHIBIT
SPARE
SKIN
MANUAL
CONTROL MODE
PART OF PCB1
TO TEMP ALARM
HI TEMP ALARM
SET PT.
POWER FAIL
MOD. AUDIO
LAMP DRIVE
RELAY DRIVE
HEATER LEVEL
AUDIO
ANALOG
S.A. CONTROL
P2
PARTS LIST
REVISIONS
LAST CHANT USED
OMITTED
AIR-SHIELDS
HATBORO, PA. 19040, U.S.A.
SCHEMATIC, PCB 2, MEASUREMENT/DIGITAL, LICS/BRW CONTROLLER
FIGURE 7.7
7-17/7-18
SCALE NONE


NOTES:
1. UNLESS OTHERWISE SHOWN ALL RESISTORS ARE 1%, 1/8 W.
2. ☐ PRESENTLY NOT USED ON MATING P.C.B.
PARTS LIST
REVISIONS
OBSOLETE!
ECN 8615
Run 18 JAN 89
USE 78318171
T1 PATIENT PROBE
SHLD
J8
J5-1
J5-3
J6-4
J5-4
J5-2
J7
R1 2K
R2 20K
R3 10K
R4 4.99K
R5 200K
R6 100K
R7 49.9K
R8 24.9K
SPARE
PART OF PCB4
SETPOINT 34.0°C-37.7°C
FOR REFERENCE ONLY
J1
J2
S.R.
J3
J4
CAL SW. (ARM)
CAL S.W. (N.C.)
SI-B (MAN)
+5 (LED)
SI-B (SKIN)
DISPLAY TEST
SI-C (SKIN)
+12V
SI-B (ARM)
ANALOG
SI-C (MAN)
LAMP DRIVE
HTR LEVEL
RESET
-12V
-5V
MAN. POT (ARM)
MOD. LAMPS
+5V
PROBE FAIL LAMPS
PNR FAIL
SET PT LAMP
LOOSE PROBE
CONTROL INPUT
AUDIO
MOD. AUDIO
RELAY DRIVE
TP1
TP2
TP3
+5V (LED)
+12V
SSR (HI)
SSR (LO)
+20V
-20V
-5V
SPARE
-12V
+5V
PNR FAIL
RELAY DRIVE
RIBBON CABLE TO POWER MODULE
R11 68Ω, 5%, 1/4W
DS1.
R9 3.9M 5%, 1/4W
C1 .001mf
R10 82K 5%, 1/4W
U1 4049
CR1 IN914
CR2 IN914
+12
R13 20.0K
R12 53.6K
R14 49.9K
J9
P9
REMOTE ALARM RCPT
½ 3694 U2-A
U2-B ½ 3694
LAST CMPNT USED
USED
OMITTED
C1
CR2
DS1
J9
R13
T1
U2
TP3
UNLESS OTHERWISE SPECIFIED — DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
FRACTIONS DECIMALS ANGLES
ALL SURFACE FINISH
DO NOT SCALE DRAWING
MATERIAL
NEXT ASSY:
78 5187 1
SIGNATURES
DATE
DRAWN R. Hoffman 18 AUGUST
CHKD
ENG Ron Thurn 8-31-87
APVD
FINISH
7-19/7-20
AIR-SHIELDS
HATBORO PA. 19040 U.S.A.
SCHEMATIC, MOTHER BOARD PCB 4, 11CS/ERW
SIZE D
FIGURE 7.8
SCALE NONE
SHEET 1 OF 1
OBSOLETE



LAST COMPONENT USED	
USED	OMITTED
C1	
CR1	
DS1	
J10	
P10	
R18	
RT1	
TP3	
U4	

REVISIONS		
Z	ECN 58672 REVISED F RICRANN U3,5 WAS U4,C; U4,5 WAS U3,5 ADDED NOTE 3, CR1 ADD "L" ADD "DS1" TO P10, J10, U1-11 WAS GOING TO GND "L"	M
ECN 57440-95	7-7-99 KBA	

FIGURE 7.9

7-21/7-22

AIR-SHIELDS/VICKERS 320 JACKSONVILLE RD. HATBORO,PA. 19040		
TITLE SCHEMATIC,PCB#,PCS/BRK CONTROLLER		
Size B	Document Number 78 318 17	REV Z
Scale	Weight 32.1666/2=est.	Sheet 1 of 1

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AND OTHER SPECIFIED HAZARDS IN ACCORDANCE WITH
UL 2601-1, UL 2601-2-19

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